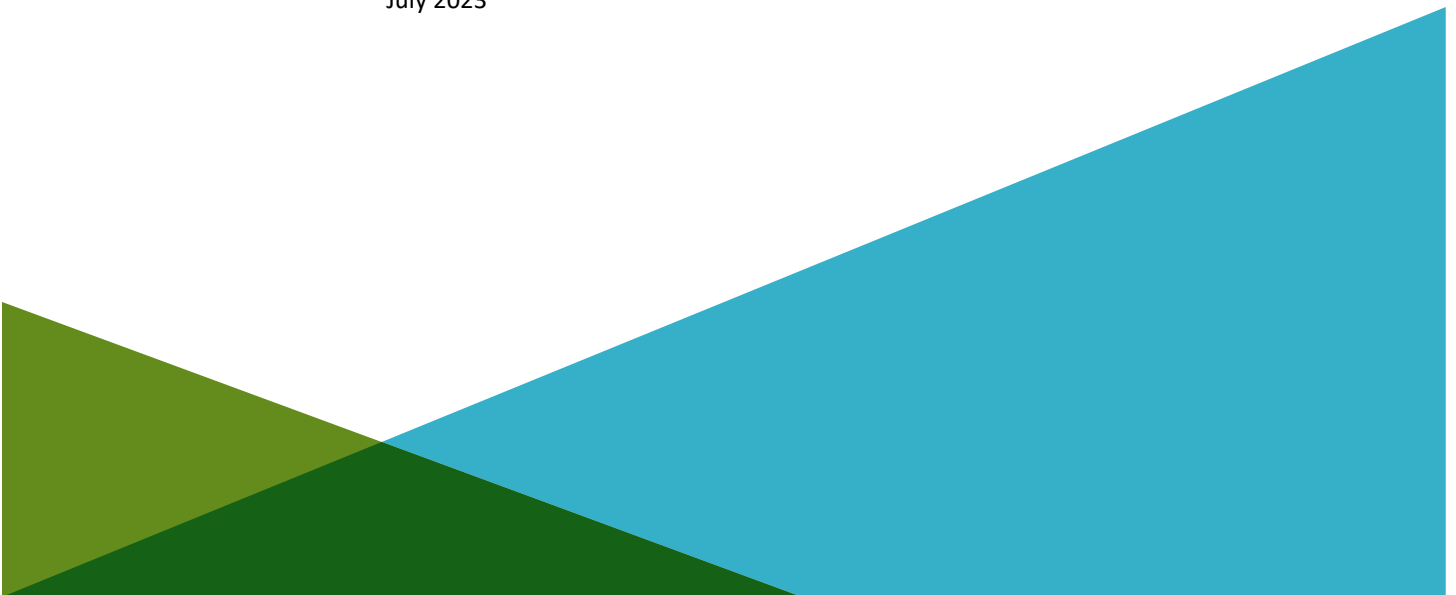


SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT  
828 METROPOLITAN AVENUE REDEVELOPMENT SITE  
BROOKLYN, NEW YORK

by  
Haley & Aldrich of New York  
New York, New York

for  
Upton Metropolitan LLC, and 808 Metropolitan Realty LLC  
Brooklyn, New York

File No. 0205563  
July 2023





HALEY & ALDRICH OF NEW YORK  
213 West 35<sup>th</sup> Street  
7<sup>th</sup> Floor  
New York, NY 10001  
646.518.7735

## SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT

828 METROPOLITAN AVENUE REDEVELOPMENT SITE  
808-834 METROPOLITAN AVENUE  
BROOKLYN, NEW YORK  
NYSDEC SITE C224369

**PREPARED FOR**  
UPTON METROPOLITAN LLC, AND  
808 METROPOLITAN REALTY LLC  
4403 15TH AVENUE, SUITE 137  
BROOKLYN, NEW YORK

PREPARED BY:

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Sarah A. Commisso, G.I.T.  
Senior Geologist  
Haley & Aldrich of New York

REVIEWED AND APPROVED BY:

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Suzanne Bell, P.E.  
Senior Project Manager  
Haley & Aldrich of New York

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James M. Bellew  
Principal  
Haley & Aldrich of New York



HALEY & ALDRICH OF NEW YORK  
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New York, NY 10001  
646.518.7735

26 July 2023  
File No. 0205563

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

Attention: Ms. Kati N. Liloia

Subject: Supplemental Remedial Investigation Report  
828 Metropolitan Avenue Redevelopment Site  
NYSDEC BCP Site C224369  
Brooklyn, New York

Dear Ms. Liloia,

On behalf of Upton Metropolitan LLC and 808 Metropolitan Realty LLC, Haley & Aldrich of New York (Haley & Aldrich) is submitting for the review and approval of the New York State Department of Environmental Conservation (NYSDEC) this Supplemental Remedial Investigation Report (SRIR) for the 828 Metropolitan Avenue Redevelopment Site (Brownfield Cleanup Program Site C224369), located at 808-834 Metropolitan Avenue in the East Williamsburg neighborhood of Brooklyn, New York (Site). This SRIR was developed in accordance with the NYSDEC, Title 6 of New York Codes, Rules and Regulations (6 NYCRR), Part 375 Brownfield Cleanup Regulations dated December 2006, the "Technical Guidance for Site Investigation and Remediation" (DER-10, dated May 2010), and other relevant NYSDEC technical and administrative guidance.

Sincerely yours,

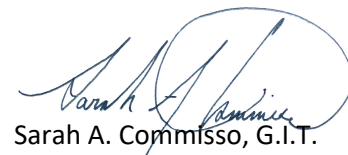
**HALEY & ALDRICH OF NEW YORK**



James M. Bellew  
Principal



Suzanne M. Bell, P.E.  
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## ***Certification***

*This report documents remedial investigation activities conducted at the 828 Metropolitan Avenue Redevelopment Site, in Brooklyn, New York.*

*I, James M. Bellew, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Supplemental Remedial Investigation Report<sup>1</sup> was prepared in accordance with all statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).*



James M. Bellew, Principal

26 July 2023

Date

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<sup>1</sup> Certification applies to remedial investigation activities conducted after the execution of the Brownfield Cleanup Agreement dated 21 December 2022.



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| C        | Analytical Laboratory Reports                 |
| D        | Data Usability Summary Reports                |

## List of Acronyms and Abbreviations

### A

|       |                                                                                                                                        |
|-------|----------------------------------------------------------------------------------------------------------------------------------------|
| AGV   | Air Guidance Value                                                                                                                     |
| Alpha | Alpha Analytical Laboratories, Inc.                                                                                                    |
| AMSL  | Above Mean Sea Level                                                                                                                   |
| AOCs  | Areas of Concern                                                                                                                       |
| AS    | Air Sparge                                                                                                                             |
| ASP   | Analytical Services Protocol                                                                                                           |
| AWQS  | 6NYCRR Part 703.5 NYSDEC Technical and operational Guidance Series 1.1.1<br>Ambient Water Quality Standards and Guidance Values (AWQS) |

### B

|      |                                               |
|------|-----------------------------------------------|
| BCA  | Brownfield Cleanup Agreement                  |
| BCP  | Brownfield Cleanup Program                    |
| bgs  | Below ground surface                          |
| BTEX | Benzene, toluene, ethylbenzene, total xylenes |

### C

|       |                                                                                               |
|-------|-----------------------------------------------------------------------------------------------|
| CEQR  | City Environmental Quality Review                                                             |
| CHASP | Construction Health and Safety Plan                                                           |
| COCs  | Contaminants of Concern                                                                       |
| CP-51 | Commissioners Policy-51 ( <i>specifically "October 2010 NYSDEC Commissioners Policy 51"</i> ) |
| CSM   | Conceptual Site Model                                                                         |
| CVOCs | Chlorinated volatile organic compounds                                                        |

### D

|        |                                                                                                                                              |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------|
| DER-10 | Division of Environmental Remediation-10 ( <i>specifically "May 2010 NYSDEC Technical Guidance for Site Investigation and Remediation"</i> ) |
| DOT    | Department of Transportation                                                                                                                 |
| DPK    | DPK Consulting                                                                                                                               |
| DUSR   | Data Usability Summary Report                                                                                                                |

### E

|         |                                           |
|---------|-------------------------------------------|
| Eastern | Eastern Environmental Solutions, Inc.     |
| EDR     | Environmental Data Resources Inc.         |
| ELAP    | Environmental Laboratory Approval Program |
| EPA     | U.S. Environmental Protection Agency      |
| ESI     | Environmental Site Investigation          |

### F

|        |                           |
|--------|---------------------------|
| ft bgs | Feet below ground surface |
| FSP    | Field sampling plan       |

## **G**

|      |                                             |
|------|---------------------------------------------|
| GES  | Groundwater and Environmental Services Inc. |
| GPRS | GPRS, Inc.                                  |
| GV   | Guidance Value                              |

## **H**

|                 |                                                                         |
|-----------------|-------------------------------------------------------------------------|
| Haley & Aldrich | Haley & Aldrich of New York                                             |
| HASP            | Health & Safety Plan                                                    |
| HAZWOPER        | Health Administration Hazardous Waste Operations and Emergency Response |
| HREC            | Historical Recognized Environmental Concern                             |
| HVAC            | Heating, ventilation, and air conditioning                              |

## **I**

|     |      |
|-----|------|
| in. | inch |
|-----|------|

## **L**

|          |                                       |
|----------|---------------------------------------|
| L/min    | Liters per minute                     |
| Lakewood | Lakewood Environmental Services Corp. |

## **M**

|       |                                |
|-------|--------------------------------|
| MCL   | Maximum Contaminant Level      |
| MDL   | Method Detection Limit         |
| mg/kg | Milligrams per Kilogram        |
| mg/L  | Milligrams per Liter           |
| MIH   | Mandatory Inclusionary Housing |
| MS    | Matrix Spike                   |
| MSD   | Matrix Spike Duplicate         |
| MTBE  | methyl tert-butyl ether        |
| MX    | Special Mixed-Use District     |

## **N**

|        |                                                         |
|--------|---------------------------------------------------------|
| NAVD88 | North American Vertical Datum of 1988                   |
| ng/L   | Nanograms per Liter                                     |
| NNO    | Notice of No Objection                                  |
| NTP    | Notice to Proceed                                       |
| NTU    | Nephelometric turbidity units                           |
| 6NYCRR | NYSDEC Title 6 of New York Codes, Rules and Regulations |
| NYCOER | New York City Office of Environmental Remediation       |
| NYCRR  | New York Codes, Rules and Regulations                   |
| NY-MCL | New York Maximum Concentrations Limit                   |
| NYSDEC | New York State Department of Environmental Conservation |
| NYSDOH | New York State Department of Health                     |

## **O**

|     |                         |
|-----|-------------------------|
| ORC | Oxygen Release Compound |
|-----|-------------------------|

**P**

|        |                                                  |
|--------|--------------------------------------------------|
| Pace   | Pace Analytical Services                         |
| PAH    | Polycyclic Aromatic Hydrocarbon                  |
| PCB    | Polychlorinated Biphenyl                         |
| PFAS   | Per- and Polyfluoroalkyl Substances              |
| PFOA   | Perfluorooctanoic Acid                           |
| PFOS   | Perfluorooctanesulfonic acid                     |
| PGWSCO | Protection of Groundwater Soil Cleanup Objective |
| PID    | Photoionization Detector                         |
| PPB    | Parts per billion                                |
| PPE    | Personal protective equipment                    |
| PPM    | Parts per million                                |
| PQL    | Practical quantitation limit                     |
| PVC    | Polyvinyl Chloride                               |

**Q**

|       |                                              |
|-------|----------------------------------------------|
| QA/QC | Quality Assurance/Quality Control            |
| QAPP  | Quality Assurance Project Plan               |
| QHHEA | Qualitative Human Health Exposure Assessment |

**R**

|       |                                                |
|-------|------------------------------------------------|
| RA    | Remedial Action                                |
| RAP   | Remedial Action Plan                           |
| RAWP  | Remedial Action Work Plan                      |
| REC   | Recognized Environmental Condition             |
| RI    | Remedial Investigation                         |
| RIR   | Remedial Investigation Report                  |
| RIWP  | Remedial Investigation Work Plan               |
| RRSCO | Restricted-Residential Soil Cleanup Objectives |

**S**

|       |                                                                         |
|-------|-------------------------------------------------------------------------|
| SCG   | Standards, Criteria and Guidelines                                      |
| SCO   | Soil Cleanup Objective                                                  |
| SGV   | Standards and Guidance Values                                           |
| Site  | the property located at 808-834 Metropolitan Avenue, Brooklyn, New York |
| sq ft | square feet                                                             |
| SRI   | Supplemental Remedial Investigation                                     |
| SRIR  | Supplemental Remedial Investigation Report                              |
| SRIWP | Supplemental Remedial Investigation Work Plan                           |
| SVE   | Soil Vapor Extraction                                                   |
| SVOC  | Semi-Volatile Organic Compound                                          |

**T**

|            |                                                                                                                                                                                                                                                                                                                              |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TAL        | Target Analyte List                                                                                                                                                                                                                                                                                                          |
| TCL        | Target Compound List                                                                                                                                                                                                                                                                                                         |
| TCLP       | Toxicity characteristic leaching procedure                                                                                                                                                                                                                                                                                   |
| TOGS 1.1.1 | Technical and Operational Guidance Series 1.1.1 ( <i>Specifically “June 1998<br/>NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1<br/>Ambient Water Quality Standards and Guidance Values, Class GA for the<br/>protection of a source of drinking water modified per the April 2000 addendum”</i> ) |
| TPH        | Total Petroleum Hydrocarbons                                                                                                                                                                                                                                                                                                 |

**U**

|                   |                                          |
|-------------------|------------------------------------------|
| µg/kg             | micrograms per kilogram                  |
| µg/L              | micrograms per liter                     |
| µg/m <sup>3</sup> | micrograms per cubic meter               |
| USGS              | United States Geologic Survey            |
| UST               | Underground Storage Tank                 |
| UUSCOs            | Unrestricted Use Soil Cleanup Objectives |

**V**

|            |                                                        |
|------------|--------------------------------------------------------|
| VOCs       | Volatile Organic Compounds                             |
| Volunteers | Upton Metropolitan LLC and 808 Metropolitan Realty LLC |



## 1. Introduction

This Supplemental Remedial Investigation Report (SRIR) was developed by Haley & Aldrich of New York (Haley & Aldrich) on behalf of Upton Metropolitan LLC and 808 Metropolitan Realty LLC for the 828 Metropolitan Avenue Redevelopment Site, located at 808-834 Metropolitan Avenue, Brooklyn, New York (the Site). Upton Metropolitan LLC applied to and was accepted into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) as a Volunteer. A Brownfield Cleanup Agreement (BCA) was executed by the NYSDEC on 21 December 2022 with Upton Metropolitan LLC and 808 Metropolitan Realty LLC (the “Volunteers”) (BCP Site No. C224369).

The Site is located in the East Williamsburg neighborhood of Brooklyn, New York, and is identified as Brooklyn Block 2916, Lot 14 (previously Lots 8, 14, 16 and 17). The Site is approximately 22,625-square-feet (sq ft) and is bound by Metropolitan Avenue followed by mixed-use commercial and residential buildings to the north, residential developments located at 15 Bushwick Avenue to the south, a four-story residential building at 850 Metropolitan Avenue to the east, and Bushwick Avenue followed by mixed-use commercial and residential buildings to the west. The NYC Transit Authority underground “L” train line runs parallel to the Site beneath Bushwick Avenue to the west. The Project Locus is shown on Figure 1, and existing Site features are displayed on the Site Map provided as Figure 2.

The Site is currently zoned as residential R7-A and R6-B with a commercial C2-4 overlay. The Site is located in an urban area surrounded by commercial, industrial, and transportation-use properties served by municipal water.

The Site is listed with an environmental E-Designation (E-618) for hazardous materials, noise (window wall attenuation and alternative means of ventilation), and air quality (heating, ventilation, and air conditioning [HVAC] exhaust stack location limitations) resulting from a City Environmental Quality Review (CEQR) effective May 2021 (CEQR # 20DCP110K). Satisfaction of the E-Designation requirements is subject to review and approval by the New York City Mayor’s Office of Environmental Remediation (NYCOER) to obtain a Notice to Proceed (NTP) and/or a Notice of No Objection (NNO) prior to obtaining building permits.

The activities of this Supplemental Remedial Investigation (SRI) were completed from 16 through 17 May 2023 in conformance with the Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10), the NYSDEC-approved February 2023 Remedial Investigation Work Plan (RIWP), and the NYSDEC-approved May 2023 Supplemental Remedial Investigation Work Plan (SRIWP). The SRIWP is provided in Appendix A.

### 1.1 PURPOSE AND OBJECTIVES

Multiple subsurface investigations have been conducted at the Site and included soil, groundwater, and soil vapor sampling. Most recently, a Remedial Investigation (RI) was conducted by Haley & Aldrich at the Site in February 2023 which identified Site-wide fill in subsurface soils to 5 feet below ground

surface (ft bgs), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals impacts to groundwater, and the presence of petroleum-related VOCs, and limited chlorinated VOCs (CVOCs) in soil vapor. A summary of the soil, groundwater, and soil vapor analytical data collected previously is discussed herein.

Additional targeted soil sampling was conducted as part of this SRI to clearly identify the extent of contamination that exists at the Site in soil above the groundwater interface which was not previously sampled. The SRI activities described in this report were designed to further delineate the extent of contamination on the Site through additional investigation soil sampling. Sample locations are shown in Figure 3.

## 2. Site Background

### 2.1 SITE LOCATION AND DESCRIPTION

The Site is located in the East Williamsburg neighborhood of Brooklyn and is identified as Block 2916, Brooklyn Block 2916, Lot 14 (previously Lots 8, 14, 16 and 17). The Site is approximately 22,625-sq ft and is bound by Metropolitan Avenue followed by mixed-use commercial and residential buildings to the north, residential developments located at 15 Bushwick Avenue to the south, a four-story residential building at 850 Metropolitan Avenue to the east, and Bushwick Avenue followed by mixed-use commercial and residential buildings to the west. The NYC Transit Authority underground “L” train line runs parallel to the Site beneath Bushwick Avenue to the west. The Site location is shown on Figure 1. Existing Site features are shown on Figure 2.

The Site is currently zoned as residential R7-A and R6-B with a commercial C2-4 overlay. The Site is located in an urban area surrounded by commercial, industrial and transportation properties served by municipal water.

The Site is listed with an environmental E-Designation (E-618) for hazardous materials, noise (window wall attenuation and alternative means of ventilation), and air quality (HVAC exhaust stack location limitations) resulting from a CEQR effective May 2021 (CEQR # 20DCP110K). Satisfaction of the E-Designation requirements is subject to review and approval by the NYCOER prior to redevelopment.

### 2.2 GEOLOGY AND HYDROGEOLOGY

The Site is underlain by a layer of fill material consisting of light to dark brown, fine to medium sand with varying amounts of silt, clay, and gravel with brick, concrete, slag/ash, glass, ceramic, and asphalt fragments. Fill extends to variable depths between 5 and 15 ft bgs. Brown to orange fine to medium sand with varying amounts of silt, gravel, and intermittent clay lenses underly the fill layer and extends to at least 35 ft bgs.

Groundwater was encountered at depths ranging from approximately 19.88 to 23.31 ft bgs during the RI and groundwater flow beneath the Site is generally from east to west.

### 2.3 SITE HISTORY

Based on the findings of the Phase I ESA dated 10 February 2022, the Site was occupied by multiple tax lots and improved with several multi-story commercial and residential buildings as early as 1933 until the mid-1960s, when the former structures on the western half of the Site were razed, and the western half of the Site was utilized for parking and used car sales with a single-story commercial building. A two-story mixed-use building on Lot 14 and a three-story residential building on Lot 16 on the eastern half of the Site were developed as early as 1910 and remained unchanged until demolition of two residential buildings in 2022. By the late 1970s, various tax lots were consolidated into one tax lot at the eastern portion of the Site, and it was occupied by a gasoline filling station. The western portion of the Site was partially developed with a single-story shed and overhead canopy for a petroleum filling station with a small single-story commercial service structure. The petroleum filling station at the western portion of

the Site with a commercial convenience store was active from the late 1970s until April 2022. The Site is currently vacant.

## **2.4 REDEVELOPMENT PLANS**

Although the future development plans are in preliminary design phases, the proposed development will consist of constructing a new nine-story mixed-use commercial and residential building with an affordable housing component pursuant to the 421-a Program and a full cellar level requiring excavation to approximately 18 ft bgs.

### **3. Summary of Previous Investigations**

Previous investigation reports are summarized in the RIWP, dated 9 February 2023, and the Remedial Investigation Report (RIR), dated 24 May 2023.

## **4. Supplemental Remedial Investigation Approach**

### **4.1 PROJECT TEAM**

A project team for the Site was created based on qualifications and experience with personnel suited for successful completion of the project.

James Bellew was the Qualified Environmental Professional and Principal in Charge for this work. In this role, Mr. Bellew was responsible for the overall completion of each task as per the requirements outlined in the field sampling plan and in accordance with the DER-10 guidance.

Suzanne Bell, P.E. was the Haley & Aldrich Project Manager for this work. In this role, Ms. Bell managed the day-to-day tasks, including coordination and supervision of field engineers and scientists, adherence to the field sampling plan, and oversight of project schedule.

Matthew Cal was the field engineer responsible for implementing the field effort for this work. Mr. Cal's responsibilities included implementing the field sampling plan activities and directing the subcontractors to ensure successful completion of field activities.

The drilling subcontractor utilized for this investigation was Lakewood Environmental Services Corp. (Lakewood). Lakewood provided a track mounted Geoprobe® direct push drill rig and operator to implement the SRI scope of work including, advancement of soil borings, installation of groundwater monitoring wells, and installation of soil vapor probes.

Soil samples were collected into laboratory prepared sample bottles (pre-preserved when appropriate), placed in ice-packed coolers maintained at approximately 4 degrees Celsius under standard chain-of-custody procedures and transported to Alpha Analytical Laboratories, Inc. of Westborough, Massachusetts (Alpha; Certification No. 07010T). Alpha is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory (ELAP No. 11148) and was responsible for analyzing the samples as per the analyses and methods identified in the NYSDEC SRIWP approved in May 2023 and described in this SRIR. Additional details regarding the sampling methods are described in the Field Sampling Plan (FSP) provided in the approved SRIWP. All sample locations are shown in Figure 3.

### **4.2 SOIL BORING INSTALLATION AND SOIL SAMPLING**

Twelve soil borings were advanced to a depth of 30 ft bgs using a track-mounted direct-push drill rig (Geoprobe®) operated by a licensed operator provided by Lakewood. Soil samples were collected from dedicated liners using a stainless-steel trowel or sampling spoon.

Soils were logged continuously by field personnel using the Modified Burmeister Soil Classification System. The presence of staining, odors, and photoionization detector (PID) response was noted in soil boring logs. Soil boring logs are provided as Appendix B.

Soil samples representative of Site conditions were collected at twelve locations widely distributed across the Site, as shown in Figure 3. Samples were collected from 14 to 16 and 20 to 22 ft bgs. The Sample and Analysis Plan is shown in Table 1.

Haley & Aldrich collected 24 soil samples (plus quality assurance/quality control [QA/QC] samples) for laboratory analysis. Soil samples were collected in laboratory-supplied containers; VOC grab samples were collected using Terra Core sampling devices. Soil samples were relinquished under standard chain-of-custody protocol and delivered via courier to Alpha for analysis.

Soil samples were analyzed for the following:

- Target Compound List (TCL) VOCs by U.S. Environmental Protection Agency (EPA) Method 8260B;
- TCL SVOCs using EPA Method by 8270C;
- Total Analyte List (TAL) Metals by EPA Method 6010;
- TCL Polychlorinated Biphenyls (PCBs) by EPA Method 8082;
- TCL Pesticides by EPA Method 8081B;
- Per- and Polyfluoroalkyl Substances (PFAS) by EPA Method 1633; and
- 1,4-dioxane by EPA Method 8270 SIM.

As per NYDSEC DER-10 requirements, all soil samples were analyzed for emerging contaminants. Soil samples collected for PFAS and 1,4-dioxane were collected in accordance with the protocols established in NYSDEC's April 2023 "Guidance for Sampling, Analysis, and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs" (April 2023 PFAS Guidance).

#### 4.3 QUALITY ASSURANCE/QUALITY CONTROL

The SRI was conducted in accordance with Haley & Aldrich's Quality Assurance Project Plan (QAPP) provided in the SRIWP. Haley & Aldrich's sampling program included several types of QA/QC samples and measures to ensure the usability of the data, as described in the SRIWP. QA/QC samples included equipment rinsate/field blanks, trip blanks, sample duplicates, and matrix spike/matrix spike duplicates (MS/MSDs).

When applicable, the sample result summary tables list the laboratory method detection limit (MDL) at which a compound was non-detectable. The laboratory results were reported to the sample-specific practical quantitation limit (PQL), equal to the sample-specific MDL, supported by the instrument calibrations.

The reliability of laboratory data is supported by compliance with sample holding times and laboratory MDLs below cleanup criteria. The accuracy and precision of the laboratory analytical methods were maintained by using calibration and calibration verification procedures, laboratory control samples, and surrogate, matrix, and analytical spikes. Analytical laboratory reports are provided in Appendix C. Data will be validated as detailed in below in Section 6.6. Data Usability Summary Reports (DUSRs) will be included in Appendix D.

#### 4.4 INVESTIGATION DERIVED WASTE

Following sample collection, boreholes were backfilled with non-impacted soil cuttings and an upper bentonite plug. Boreholes were restored to grade with the surrounding area. No soil was identified as grossly contaminated, nor was there excess soil that could not be backfilled, no drums containing soil or liquid waste were generated during the SRI that required off-Site disposal.



## **5. Health and Safety**

The work outlined above was completed under a Site-specific Health and Safety Plan (HASP), appended to the SRIWP (Appendix C). The HASP was prepared in accordance with Occupational Safety and Health Administration Hazardous Waste Operations and Emergency Response (HAZWOPER) regulations. Work was completed in Modified Level D personal protective equipment (PPE).

## 6. Contaminants of Concern and Nature and Extent of Contamination

### 6.1 APPLICABLE STANDARDS

Soil analytical results were compared to NYSDEC 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), Protection of Groundwater Soil Cleanup Objectives (PGWSCOs), and Restricted-Residential Soil Cleanup Objectives (RRSCOs). Note that no standards for PFAS in soil currently exist in New York State; however, NYSDEC published soil guidance values for Perfluorooctanoic Acid (PFOA) and Perfluorooctanesulfonic Acid (PFOS) in October 2020 (latest revision April 2023). PFOA and PFOS soil sample results are compared to the unrestricted use, restricted residential use, and protection of groundwater soil guidance values outlined in the April 2023 PFAS Guidance.

### 6.2 SOIL SAMPLING RESULTS

Table 2 summarizes the analytical results from the soil sampling event. Figure 4 provides the soil boring locations as well as a summary of soil data that exceeded the respective standards during the May 2023 sampling event. Details of the soil boring logs are provided in Appendix B.

#### Volatile Organic Compounds

Acetone was detected above the UUSCO in SRI-08\_14-16 at a concentration of 0.066 milligrams per kilogram (mg/kg). Acetone is a laboratory contaminant.

No other VOCs were detected above applicable standards in any other soil sample.

#### Semi-Volatile Organic Compounds

Two SVOCs, specifically Polycyclic Aromatic Hydrocarbons (PAHs), were detected above the UUSCOs, RRSCOs, and PGWSCOs in one soil sample, SRI-10\_26-28 including benzo(b)fluoranthene (1.2 mg/kg) and indeno(1,2,3-cd)pyrene (0.51 mg/kg).

No other SVOCs were detected above applicable standards in any soil sample.

#### Metals

Two metals were detected above the UUSCOs in soil sample SRI-05\_14-16, including lead (105 mg/kg) and mercury (0.322 mg/kg). Lead was detected above the UUSCO in soil sample SRI-12\_14-16 at a concentration of 124 mg/kg.

No other metals were detected in any soil samples above applicable standards.

#### Polychlorinated Biphenyls

PCBs were not detected above applicable standards in any soil samples.

### Pesticides

One pesticide, 4,4-DDT, was detected above the UUSCO in soil sample SRI-12\_20-22 at a concentration of 0.0041 mg/kg.

Pesticides were not detected above applicable standards in any soil samples.

### Emerging Contaminants

1,4-dioxane was not detected above laboratory detection limits in any soil samples collected at the Site.

PFOA and PFOS were not detected above the respective guidance values (GV) for unrestricted use, 0.66 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) and 0.88  $\mu\text{g}/\text{kg}$ , respectively.

The maximum total PFOA/PFAS compounds ranged from non-detect to a maximum concentration of 0.482  $\mu\text{g}/\text{kg}$  in SRI-11\_14-16' (0.482 parts per billion [ppb]).

## **6.3 DATA VALIDATION**

Category B laboratory reports for all soil samples included as part of this SRIR were provided by Alpha and will be forwarded to Haley & Aldrich's data validator. Data validation is currently pending. The DUSRs will be included in Appendix D.

## **6.4 DATA USE**

Validated analytical data, supplied in Analytical Services Protocol (ASP) Category B Data Packages in Appendix C, will be submitted to the NYSDEC EQuIS™ database in an Electronic Data Deliverable package.

## **7. Conceptual Site Model (CSM)**

### **7.1 AREAS OF CONCERN**

The results of the SRI support the areas of concern (AOCs) previously identified in the NYSDEC-approved RIR dated May 2023.

### **7.2 POTENTIAL ON-SITE AND OFF-SITE SOURCES**

The results of the SRI support the potential on-site and/or off-site sources identified in the NYSDEC-approved RIR dated May 2023.

## **8. Conclusions and Recommendations**

### **8.1 CONCLUSIONS**

Based on the results of this SRI, the following conclusions have been identified:

- Some exceedances of metals, SVOCs, and pesticides were observed in limited soil samples collected from 14 to 16, 20 to 22, and 26 to 28 ft bgs.

## 9. References

1. ASTM Phase I Environmental Site Assessment, 824 Metropolitan Avenue, Brooklyn, New York, Prepared by EBI Consulting, prepared for Zois Sachtouris, July 2015.
2. ASTM Phase I Environmental Site Assessment, 824-832 Metropolitan Avenue, Brooklyn, New York, Prepared by Environmental Studies Corporation, prepared for 824 Metropolitan LLC, July 2019.
3. ASTM Phase I Environmental Site Assessment, 808 Metropolitan Avenue, Brooklyn, New York, Prepared by Haley & Aldrich of New York, prepared for 808 Metropolitan Realty LLC, March 2022.
4. Brownfield Cleanup Program Application. 808-834 Metropolitan Avenue, Brooklyn, New York. Prepared by Upton Metropolitan LLC & Haley & Aldrich of New York, prepared for the New York State Department of Environmental Conservation. Submitted July 2022.
5. NYCOER Remedial Investigation Report (808 Metropolitan Avenue), March 2022, prepared by Haley & Aldrich.
6. NYCOER Remedial Investigation Report (824-832 Metropolitan Avenue), April 2022, prepared by Concave Consulting.
7. Program Policy DER-10, "Technical Guidance for Site Investigation and Remediation," New York State Department of Environmental Conservation, May 2010.
8. Quarterly Update Report prepared by EnviroTrac Ltd., dated 30 April 2013.
9. Remedial Action Plan prepared by Amerada Hess Corporation, dated 28 December 2005.
10. Remedial Investigation Work Plan prepared by EnviroTrac Ltd., dated 29 July 2009.
11. Remedial Investigation Work Plan, prepared by Haley & Aldrich of New York, dated 9 February 2023.
12. Remedial Investigation Report, prepared by Haley & Aldrich of New York, dated 24 May 2023.
13. Soil Sampling & Well Installation Work Plan prepared by Environmental Assessment & Remediations, dated February 2019.
14. Spill Closure Notice – Spill #95-02757 prepared by NYSDEC, dated 6 May 2013.
15. Spill Closure Request - Spill #95-02757 prepared by EnviroTrac Ltd., dated 29 June 2012.
16. Underground Storage Tank Closure Report prepared by Groundwater & Environmental Services, Inc., dated 20 May 1998.

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## TABLES

| Sample Location | Sample Depth | TCL VOCs (8260C/ 5035) | TCL SVOCs (8270D) | TAL Metals (6010C) | PCBs (8082A) | TCL Pesticides (8081B) | PFAS (1633) | 1,4-Dioxane (8270 SIM) |
|-----------------|--------------|------------------------|-------------------|--------------------|--------------|------------------------|-------------|------------------------|
| SOIL            |              |                        |                   |                    |              |                        |             |                        |
| SRI-01          | 14-16'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 20-22'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
| SRI-02          | 14-16'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 20-22'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
| SRI-03          | 14-16'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 20-22'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
| SRI-04          | 14-16'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 20-22'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
| SRI-05          | 14-16'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 20-22'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
| SRI-06          | 14-16'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 20-22'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
| SRI-07          | 14-16'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 20-22'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
| SRI-08          | 14-16'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 20-22'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
| SRI-09          | 14-16'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 20-22'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
| SRI-10          | 14-16'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 20-22'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 26-28'       |                        | X                 | X                  | X            | X                      | X           | X                      |
| SRI-11          | 14-16'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 20-22'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 26-28'       |                        | X                 | X                  | X            | X                      | X           | X                      |
| SRI-12          | 14-16'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 20-22'       | X                      | X                 | X                  | X            | X                      | X           | X                      |
|                 | 26-28'       | X                      | X                 | X                  | X            | X                      | X           | X                      |

**Notes:**  
 VOCs - Volatile Organic Compounds  
 SVOCs - Semi-volatile Organic Compounds  
 PCBs - Polychlorinated biphenyls  
 PFAS - Per- and Polyfluoroalkyl Substances  
**QA/QC samples include:**  
 MS/MSD - 1 for every 20 samples  
 Field Duplicate - 1 for every 20 samples  
 Trip Blanks - 1 per cooler of samples to be analyzed for VOCs  
 Field Blanks - 1 for every 20 samples



TABLE 2  
SUMMARY OF SOIL QUALITY DATA  
828 METROPOLITAN AVENUE  
BROOKLYN, NY  
FILE NO. 0205563

| Location Name<br>Sample Name<br>Sample Date<br>Lab Sample ID<br>Sample Depth (bgs) | Action Level                                                             |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             | SRI-01<br>SRI-01_14-16<br>05/16/2023<br>L2327188-18<br>14 - 16 (ft) | SRI-01<br>SRI-01_20-22<br>05/16/2023<br>L2327188-19<br>20 - 22 (ft) | DUP-01_05162023<br>05/16/2023<br>L2327188-39<br>- |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------|
|                                                                                    | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater<br>Proposed PFAS | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives<br>Proposed PFAS | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives<br>Proposed PFAS |                                                                     |                                                                     |                                                   |
|                                                                                    |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                                     |                                                                     |                                                   |
|                                                                                    |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                                     |                                                                     |                                                   |
| <b>Volatile Organic Compounds (mg/kg)</b>                                          |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                                     |                                                                     |                                                   |
| 1,1,1,2-Tetrachloroethane                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00052)                                                        | ND (0.0005)                                                         | ND (0.00051)                                      |
| 1,1,1-Trichloroethane                                                              | 0.68                                                                     | 100                                                                  | 0.68                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00052)                                                        | ND (0.0005)                                                         | ND (0.00051)                                      |
| 1,1,2,2-Tetrachloroethane                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00052) J                                                      | ND (0.0005)                                                         | ND (0.00051)                                      |
| 1,1,2-Trichloroethane                                                              | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.001)                                                          | ND (0.001)                                        |
| 1,1-Dichloroethane                                                                 | 0.27                                                                     | 26                                                                   | 0.27                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.001)                                                          | ND (0.001)                                        |
| 1,1-Dichloroethene                                                                 | 0.33                                                                     | 100                                                                  | 0.33                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.001)                                                          | ND (0.001)                                        |
| 1,1-Dichloropropene                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00052)                                                        | ND (0.0005)                                                         | ND (0.00051)                                      |
| 1,2,3-Trichlorobenzene                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021) J                                                       | ND (0.002)                                                          | ND (0.002)                                        |
| 1,2,3-Trichloropropane                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021) J                                                       | ND (0.002)                                                          | ND (0.002)                                        |
| 1,2,4,5-Tetramethylbenzene                                                         | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021) J                                                       | ND (0.002)                                                          | ND (0.002)                                        |
| 1,2,4-Trichlorobenzene                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021) J                                                       | ND (0.002)                                                          | ND (0.002)                                        |
| 1,2,4-Trimethylbenzene                                                             | 3.6                                                                      | 52                                                                   | 3.6                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021) J                                                       | ND (0.002)                                                          | ND (0.002)                                        |
| 1,2-Dibromo-3-chloropropane (DBCP)                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0031) J                                                       | ND (0.003)                                                          | ND (0.003)                                        |
| 1,2-Dibromoethane (Ethylene Dibromide)                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.001)                                                          | ND (0.001)                                        |
| 1,2-Dichlorobenzene                                                                | 1.1                                                                      | 100                                                                  | 1.1                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021) J                                                       | ND (0.002)                                                          | ND (0.002)                                        |
| 1,2-Dichloroethane                                                                 | 0.02                                                                     | 3.1                                                                  | 0.02                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.001)                                                          | ND (0.001)                                        |
| 1,2-Dichloroethene (total)                                                         | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.001)                                                          | ND (0.001)                                        |
| 1,2-Dichloropropane                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.001)                                                          | ND (0.001)                                        |
| 1,3,5-Trimethylbenzene                                                             | 8.4                                                                      | 52                                                                   | 8.4                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021) J                                                       | ND (0.002)                                                          | ND (0.002)                                        |
| 1,3-Dichlorobenzene                                                                | 2.4                                                                      | 49                                                                   | 2.4                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021) J                                                       | ND (0.002)                                                          | ND (0.002)                                        |
| 1,3-Dichloropropane                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021)                                                         | ND (0.002)                                                          | ND (0.002)                                        |
| 1,3-Dichloropropene                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00052)                                                        | ND (0.0005)                                                         | ND (0.00051)                                      |
| 1,4-Dichlorobenzene                                                                | 1.8                                                                      | 13                                                                   | 1.8                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021) J                                                       | ND (0.002)                                                          | ND (0.002)                                        |
| 1,4-Diethylbenzene                                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021)                                                         | ND (0.002)                                                          | ND (0.002)                                        |
| 1,4-Dioxane                                                                        | 0.1                                                                      | 13                                                                   | 0.1                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.083)                                                          | ND (0.08)                                                           | ND (0.081)                                        |
| 2,2-Dichloropropane                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021)                                                         | ND (0.002)                                                          | ND (0.002)                                        |
| 2-Butanone (Methyl Ethyl Ketone)                                                   | 0.12                                                                     | 100                                                                  | 0.12                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.01) J                                                         | ND (0.01)                                                           | ND (0.01)                                         |
| 2-Chlorotoluene                                                                    | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021)                                                         | ND (0.002)                                                          | ND (0.002)                                        |
| 2-Hexanone (Methyl Butyl Ketone)                                                   | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.01) J                                                         | ND (0.01)                                                           | ND (0.01)                                         |
| 2-Phenylbutane (sec-Butylbenzene)                                                  | 11                                                                       | 100                                                                  | 11                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001) J                                                        | ND (0.001)                                                          | ND (0.001)                                        |
| 4-Chlorotoluene                                                                    | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021)                                                         | ND (0.002)                                                          | ND (0.002)                                        |
| 4-Ethyltoluene (1-Ethyl-4-Methylbenzene)                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021)                                                         | ND (0.002)                                                          | ND (0.002)                                        |
| 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.01) J                                                         | ND (0.01) J                                                         | ND (0.01) J                                       |
| Acetone                                                                            | 0.05                                                                     | 100                                                                  | 0.05                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | 0.0051 J                                                            | 0.013                                                               | 0.0086 J                                          |
| Acrylonitrile                                                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0042)                                                         | ND (0.004)                                                          | ND (0.004)                                        |
| Benzene                                                                            | 0.06                                                                     | 4.8                                                                  | 0.06                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00052)                                                        | 0.00018 J                                                           | 0.0014                                            |
| Bromobenzene                                                                       | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021) J                                                       | ND (0.002)                                                          | ND (0.002)                                        |
| Bromodichloromethane                                                               | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00052)                                                        | ND (0.0005)                                                         | ND (0.00051)                                      |
| Bromoform                                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0042)                                                         | ND (0.004)                                                          | ND (0.004)                                        |
| Bromomethane (Methyl Bromide)                                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021)                                                         | ND (0.002)                                                          | ND (0.002)                                        |
| Carbon disulfide                                                                   | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.01)                                                           | ND (0.01)                                                           | ND (0.01)                                         |
| Carbon tetrachloride                                                               | 0.76                                                                     | 2.4                                                                  | 0.76                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.001)                                                          | ND (0.001)                                        |
| Chlorobenzene                                                                      | 1.1                                                                      | 100                                                                  | 1.1                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00052) J                                                      | ND (0.0005)                                                         | ND (0.00051)                                      |
| Chlorobromomethane                                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021)                                                         | ND (0.002)                                                          | ND (0.002)                                        |
| Chloroethane                                                                       | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021)                                                         | ND (0.002)                                                          | ND (0.002)                                        |
| Chloroform (Trichloromethane)                                                      | 0.37                                                                     | 49                                                                   | 0.37                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0016)                                                         | ND (0.0015)                                                         | ND (0.0015)                                       |
| Chloromethane (Methyl Chloride)                                                    | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0042)                                                         | ND (0.004)                                                          | ND (0.004)                                        |
| cis-1,2-Dichloroethene                                                             | 0.25                                                                     | 100                                                                  | 0.25                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.001)                                                          | ND (0.001)                                        |
| cis-1,3-Dichloropropene                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00052)                                                        | ND (0.0005)                                                         | ND (0.00051)                                      |
| Cymene (p-Isopropyltoluene)                                                        | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001) J                                                        | ND (0.001)                                                          | ND (0.001)                                        |
| Dibromochloromethane                                                               | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.001)                                                          | ND (0.001)                                        |
| Dibromomethane                                                                     | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021)                                                         | ND (0.002)                                                          | ND (0.002)                                        |
| Dichlorodifluoromethane (CFC-12)                                                   | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.01)                                                           | ND (0.01)                                                           | ND (0.01)                                         |
| Ethyl Ether                                                                        | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021)                                                         | ND (0.002)                                                          | ND (0.002)                                        |
| Ethylbenzene                                                                       | 1                                                                        | 41                                                                   | 1                                                          | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001) J                                                        | ND (0.001)                                                          | ND (0.001)                                        |
| Hexachlorobutadiene                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0042) J                                                       | ND (0.004)                                                          | ND (0.004)                                        |
| Isopropylbenzene (Cumene)                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001) J                                                        | ND (0.001)                                                          | ND (0.001)                                        |
| m,p-Xylenes                                                                        | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021) J                                                       | ND (0.002)                                                          | ND (0.002)                                        |
| Methyl Tert Butyl Ether (MTBE)                                                     | 0.93                                                                     | 100                                                                  | 0.93                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021)                                                         | ND (0.002)                                                          | ND (0.002)                                        |
| Methylene chloride (Dichloromethane)                                               | 0.05                                                                     | 100                                                                  | 0.05                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0052)                                                         | ND (0.005)                                                          | ND (0.0051)                                       |
| Naphthalene                                                                        | 12                                                                       | 100                                                                  | 12                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0042) J                                                       | ND (0.004)                                                          | ND (0.004)                                        |
| n-Butylbenzene                                                                     | 12                                                                       | 100                                                                  | 12                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001) J                                                        | ND (0.001)                                                          | ND (0.001)                                        |
| n-Propylbenzene                                                                    | 3.9                                                                      | 100                                                                  | 3.9                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001) J                                                        | ND (0.001)                                                          | ND (0.001)                                        |
| o-Xylene                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001) J                                                        | ND (0.001)                                                          | ND (0.001)                                        |
| Styrene                                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001) J                                                        | ND (0.001)                                                          | ND (0.001)                                        |
| tert-Butylbenzene                                                                  | 5.9                                                                      | 100                                                                  | 5.9                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0021) J                                                       | ND (0.002)                                                          | ND (0.002)                                        |
| Tetrachloroethene                                                                  | 1.3                                                                      | 19                                                                   | 1.3                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00052)                                                        | ND (0.0005)                                                         | ND (0.00051)                                      |
| Toluene                                                                            | 0.7                                                                      | 100                                                                  | 0.7                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.001)                                                          | ND (0.001)                                        |
| trans-1,2-Dichloroethene                                                           | 0.19                                                                     | 100                                                                  | 0.19                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0016)                                                         | ND (0.0015)                                                         | ND (0.0015)                                       |
| trans-1,3-Dichloropropene                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.001)                                                          | ND (0.001)                                        |
| trans-1,4-Dichloro-2-butene                                                        | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0052) J                                                       | ND (0.005)                                                          | ND (0.0051)                                       |
| Trichloroethene                                                                    | 0.47                                                                     | 21                                                                   | 0.47                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00052)                                                        | ND (0.0005)                                                         | ND (0.00051)                                      |
| Trichlorofluoromethane (CFC-11)                                                    | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0042)                                                         | ND (0.004)                                                          | ND (0.004)                                        |
| Vinyl acetate                                                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.01) J                                                         | ND (0.01)                                                           | ND (0.01)                                         |
| Vinyl chloride                                                                     | 0.02                                                                     | 0.9                                                                  | 0.02                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.001)                                                          | ND (0.001)                                        |
| Xylene (Total)                                                                     | 1.6                                                                      | 100                                                                  | 0.26                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.001)                                                          | ND (0.001)                                        |
| SUM of CVOCs                                                                       | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND                                                                  | ND                                                                  | ND                                                |

TABLE 2  
SUMMARY OF SOIL QUALITY DATA  
828 METROPOLITAN AVENUE  
BROOKLYN, NY  
FILE NO. 0205563

| Location Name<br>Sample Name<br>Sample Date<br>Lab Sample ID<br>Sample Depth (bgs) | Action Level                                                             |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             | SRI-01                                                    | SRI-01                                                    | DUP-01_05162023                                   |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------|
|                                                                                    | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater<br>Proposed PFAS | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives<br>Proposed PFAS | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives<br>Proposed PFAS | SRI-01_14-16<br>05/16/2023<br>L2327188-18<br>14 - 16 (ft) | SRI-01_20-22<br>05/16/2023<br>L2327188-19<br>20 - 22 (ft) | DUP-01_05162023<br>05/16/2023<br>L2327188-39<br>- |
|                                                                                    |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                           |                                                           |                                                   |
|                                                                                    |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                           |                                                           |                                                   |
| Semi-Volatile Organic Compounds (mg/kg)                                            |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                           |                                                           |                                                   |
| 1,2,4,5-Tetrachlorobenzene                                                         | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 1,2,4-Trichlorobenzene                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 1,2-Dichlorobenzene                                                                | 1.1                                                                      | 100                                                                  | 1.1                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 1,3-Dichlorobenzene                                                                | 2.4                                                                      | 49                                                                   | 2.4                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 1,4-Dichlorobenzene                                                                | 1.8                                                                      | 13                                                                   | 1.8                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 1,4-Dioxane                                                                        | 0.1                                                                      | 13                                                                   | 0.1                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.026)                                                | ND (0.026)                                                | ND (0.033)                                        |
| 2,2'-oxybis(1-Chloropropane)                                                       | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.26)                                         |
| 2,4,5-Trichlorophenol                                                              | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 2,4,6-Trichlorophenol                                                              | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.13)                                         |
| 2,4-Dichlorophenol                                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.15)                                                 | ND (0.15)                                                 | ND (0.2)                                          |
| 2,4-Dimethylphenol                                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 2,4-Dinitrophenol                                                                  | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.82)                                                 | ND (0.82)                                                 | ND (1)                                            |
| 2,4-Dinitrotoluene                                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 2,6-Dinitrotoluene                                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 2-Chloronaphthalene                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 2-Chlorophenol                                                                     | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 2-Methylnaphthalene                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.26)                                         |
| 2-Methylphenol (o-Cresol)                                                          | 0.33                                                                     | 100                                                                  | 0.33                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 2-Nitroaniline                                                                     | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 2-Nitrophenol                                                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.37)                                                 | ND (0.37)                                                 | ND (0.47)                                         |
| 3&4-Methylphenol                                                                   | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.24)                                                 | ND (0.24)                                                 | ND (0.31)                                         |
| 3,3'-Dichlorobenzidine                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 3-Nitroaniline                                                                     | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 4,6-Dinitro-2-methylphenol                                                         | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.44)                                                 | ND (0.44)                                                 | ND (0.56)                                         |
| 4-Bromophenyl phenyl ether (BDE-3)                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 4-Chloro-3-methylphenol                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 4-Chloroaniline                                                                    | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 4-Chlorophenyl phenyl ether                                                        | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 4-Nitroaniline                                                                     | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| 4-Nitrophenol                                                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.24)                                                 | ND (0.24)                                                 | ND (0.3)                                          |
| Acenaphthene                                                                       | 98                                                                       | 100                                                                  | 20                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.17)                                         |
| Acenaphthylene                                                                     | 107                                                                      | 100                                                                  | 100                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.17)                                         |
| Acetophenone                                                                       | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| Anthracene                                                                         | 1000                                                                     | 100                                                                  | 100                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.13)                                         |
| Benzo(a)anthracene                                                                 | 1                                                                        | 1                                                                    | 1                                                          | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.13)                                         |
| Benzo(a)pyrene                                                                     | 22                                                                       | 1                                                                    | 1                                                          | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.17)                                         |
| Benzo(b)fluoranthene                                                               | 1.7                                                                      | 1                                                                    | 1                                                          | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.13)                                         |
| Benzo(g,h,i)perylene                                                               | 1000                                                                     | 100                                                                  | 100                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.17)                                         |
| Benzo(k)fluoranthene                                                               | 1.7                                                                      | 3.9                                                                  | 0.8                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.13)                                         |
| Benzoic acid                                                                       | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.55)                                                 | ND (0.55)                                                 | ND (0.7)                                          |
| Benzyl Alcohol                                                                     | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| Biphenyl                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.39)                                                 | ND (0.39)                                                 | ND (0.5)                                          |
| bis(2-Chloroethoxy)methane                                                         | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.23)                                         |
| bis(2-Chloroethyl)ether                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.15)                                                 | ND (0.15)                                                 | ND (0.2)                                          |
| bis(2-Ethylhexyl)phthalate                                                         | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| Butyl benzylphthalate (BBP)                                                        | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| Carbazole                                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| Chrysene                                                                           | 1                                                                        | 3.9                                                                  | 1                                                          | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.13)                                         |
| Dibenz(a,h)anthracene                                                              | 1000                                                                     | 0.33                                                                 | 0.33                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.13)                                         |
| Dibenzofuran                                                                       | 210                                                                      | 59                                                                   | 7                                                          | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| Diethyl phthalate                                                                  | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| Dimethyl phthalate                                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| Di-n-butylphthalate (DBP)                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| Di-n-octyl phthalate (DnOP)                                                        | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| Fluoranthene                                                                       | 1000                                                                     | 100                                                                  | 100                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.13)                                         |
| Fluorene                                                                           | 386                                                                      | 100                                                                  | 30                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| Hexachlorobenzene                                                                  | 3.2                                                                      | 1.2                                                                  | 0.33                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.13)                                         |
| Hexachlorobutadiene                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| Hexachlorocyclopentadiene                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.49)                                                 | ND (0.49)                                                 | ND (0.62)                                         |
| Hexachloroethane                                                                   | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.17)                                         |
| Indeno(1,2,3-cd)pyrene                                                             | 8.2                                                                      | 0.5                                                                  | 0.5                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.17)                                         |
| Isophorone                                                                         | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.15)                                                 | ND (0.15)                                                 | ND (0.2)                                          |
| Naphthalene                                                                        | 12                                                                       | 100                                                                  | 12                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| Nitrobenzene                                                                       | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.15)                                                 | ND (0.15)                                                 | ND (0.2)                                          |
| N-Nitrosodi-n-propylamine                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| N-Nitrosodiphenylamine                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.17)                                         |
| Pentachlorophenol                                                                  | 0.8                                                                      | 6.7                                                                  | 0.8                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.17)                                         |
| Phenanthrene                                                                       | 1000                                                                     | 100                                                                  | 100                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.13)                                         |
| Phenol                                                                             | 0.33                                                                     | 100                                                                  | 0.33                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.22)                                         |
| Pyrene                                                                             | 1000                                                                     | 100                                                                  | 100                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.13)                                         |

TABLE 2  
SUMMARY OF SOIL QUALITY DATA  
828 METROPOLITAN AVENUE  
BROOKLYN, NY  
FILE NO. 0205563

| Location Name<br>Sample Name<br>Sample Date<br>Lab Sample ID<br>Sample Depth (bgs) | Action Level                                                             |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             | SRI-01<br>SRI-01_14-16<br>05/16/2023<br>L2327188-18<br>14 - 16 (ft) | SRI-01<br>SRI-01_20-22<br>05/16/2023<br>L2327188-19<br>20 - 22 (ft) | DUP-01_05162023<br>05/16/2023<br>L2327188-39<br>- |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------|
|                                                                                    | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater<br>Proposed PFAS | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives<br>Proposed PFAS | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives<br>Proposed PFAS |                                                                     |                                                                     |                                                   |
|                                                                                    |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                                     |                                                                     |                                                   |
| <b>Inorganic Compounds (mg/kg)</b>                                                 |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                                     |                                                                     |                                                   |
| Aluminum                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 3210 J+                                                             | 4810 J+                                                             | 7210 J+                                           |
| Antimony                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (3.96)                                                           | ND (4.07)                                                           | ND (5.13)                                         |
| Arsenic                                                                            | 16                                                                       | 16                                                                   | 13                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 1.01                                                                | 1.5                                                                 | 8.16                                              |
| Barium                                                                             | 820                                                                      | 400                                                                  | 350                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | 30.3                                                                | 31.6                                                                | 39.1                                              |
| Beryllium                                                                          | 47                                                                       | 72                                                                   | 7.2                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | 0.183 J                                                             | 0.247 J                                                             | 0.844                                             |
| Cadmium                                                                            | 7.5                                                                      | 4.3                                                                  | 2.5                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.792)                                                          | ND (0.814)                                                          | ND (1.03)                                         |
| Calcium                                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 271                                                                 | 711                                                                 | 1490                                              |
| Chromium                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 9.6                                                                 | 19.2                                                                | 20.4                                              |
| Cobalt                                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 2.24                                                                | 3.65                                                                | 14.6                                              |
| Copper                                                                             | 1720                                                                     | 270                                                                  | 50                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 7.89                                                                | 19.2                                                                | 17.2                                              |
| Iron                                                                               | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 6110 J-                                                             | 8850 J-                                                             | 18600 J-                                          |
| Lead                                                                               | 450                                                                      | 400                                                                  | 63                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 2.5 J+                                                              | 4.58 J+                                                             | 12.3 J+                                           |
| Magnesium                                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 971                                                                 | 1860                                                                | 2960                                              |
| Manganese                                                                          | 2000                                                                     | 2000                                                                 | 1600                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | 277 J+                                                              | 290 J+                                                              | 284 J+                                            |
| Mercury                                                                            | 0.73                                                                     | 0.81                                                                 | 0.18                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.066)                                                          | ND (0.066)                                                          | ND (0.085)                                        |
| Nickel                                                                             | 130                                                                      | 310                                                                  | 30                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 5.4                                                                 | 10.7                                                                | 21.3                                              |
| Potassium                                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 325                                                                 | 599                                                                 | 1250                                              |
| Selenium                                                                           | 4                                                                        | 180                                                                  | 3.9                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (1.58)                                                           | ND (1.63)                                                           | ND (2.05)                                         |
| Silver                                                                             | 8.3                                                                      | 180                                                                  | 2                                                          | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.396)                                                          | ND (0.407)                                                          | ND (0.513)                                        |
| Sodium                                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 86.2 J                                                              | 181                                                                 | 75.9 J                                            |
| Thallium                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 0.346 J                                                             | 0.561 J                                                             | 0.734 J                                           |
| Vanadium                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 7.85                                                                | 13.4                                                                | 24.5                                              |
| Zinc                                                                               | 2480                                                                     | 10000                                                                | 109                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | 8.76                                                                | 15.7                                                                | 55.6                                              |
| <b>PCBs (mg/kg)</b>                                                                |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                                     |                                                                     |                                                   |
| Aroclor-1016 (PCB-1016)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0498)                                                         | ND (0.049)                                                          | ND (0.0621)                                       |
| Aroclor-1221 (PCB-1221)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0498)                                                         | ND (0.049)                                                          | ND (0.0621)                                       |
| Aroclor-1232 (PCB-1232)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0498)                                                         | ND (0.049)                                                          | ND (0.0621)                                       |
| Aroclor-1242 (PCB-1242)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0498)                                                         | ND (0.049)                                                          | ND (0.0621)                                       |
| Aroclor-1248 (PCB-1248)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0498)                                                         | ND (0.049)                                                          | ND (0.0621)                                       |
| Aroclor-1254 (PCB-1254)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0498)                                                         | ND (0.049)                                                          | ND (0.0621)                                       |
| Aroclor-1260 (PCB-1260)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0498)                                                         | ND (0.049)                                                          | ND (0.0621)                                       |
| Aroclor-1262 (PCB-1262)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0498)                                                         | ND (0.049)                                                          | ND (0.0621)                                       |
| Aroclor-1268 (PCB-1268)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0498)                                                         | ND (0.049)                                                          | ND (0.0621)                                       |
| Polychlorinated biphenyls (PCBs)                                                   | 3.2                                                                      | 1                                                                    | 0.1                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0498)                                                         | ND (0.049)                                                          | ND (0.0621)                                       |
| <b>Other</b>                                                                       |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                                     |                                                                     |                                                   |
| Total Solids (%)                                                                   | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 97.1                                                                | 96                                                                  | 75.5                                              |
| <b>Pesticides (mg/kg)</b>                                                          |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                                     |                                                                     |                                                   |
| 4,4'-DDD                                                                           | 14                                                                       | 13                                                                   | 0.0033                                                     | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0016)                                                         | ND (0.00163)                                                        | ND (0.00199)                                      |
| 4,4'-DDE                                                                           | 17                                                                       | 8.9                                                                  | 0.0033                                                     | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0016)                                                         | ND (0.00163)                                                        | ND (0.00199)                                      |
| 4,4'-DDT                                                                           | 136                                                                      | 7.9                                                                  | 0.0033                                                     | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0016)                                                         | ND (0.00163)                                                        | ND (0.00199)                                      |
| Aldrin                                                                             | 0.19                                                                     | 0.097                                                                | 0.005                                                      | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0016)                                                         | ND (0.00163)                                                        | ND (0.00199)                                      |
| alpha-BHC                                                                          | 0.02                                                                     | 0.48                                                                 | 0.02                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.000668)                                                       | ND (0.000679)                                                       | ND (0.00083)                                      |
| alpha-Chlordane (cis)                                                              | 2.9                                                                      | 4.2                                                                  | 0.094                                                      | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.002)                                                          | ND (0.00204)                                                        | ND (0.00249)                                      |
| beta-BHC                                                                           | 0.09                                                                     | 0.36                                                                 | 0.036                                                      | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0016)                                                         | ND (0.00163)                                                        | ND (0.00199)                                      |
| Chlordane                                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0134)                                                         | ND (0.0136)                                                         | ND (0.0166)                                       |
| delta-BHC                                                                          | 0.25                                                                     | 100                                                                  | 0.04                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0016)                                                         | ND (0.00163)                                                        | ND (0.00199)                                      |
| Dieldrin                                                                           | 0.1                                                                      | 0.2                                                                  | 0.005                                                      | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.001)                                                          | ND (0.00102)                                                        | ND (0.00124)                                      |
| Endosulfan I                                                                       | 102                                                                      | 24                                                                   | 2.4                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0016)                                                         | ND (0.00163)                                                        | ND (0.00199)                                      |
| Endosulfan II                                                                      | 102                                                                      | 24                                                                   | 2.4                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0016)                                                         | ND (0.00163)                                                        | ND (0.00199)                                      |
| Endosulfan sulfate                                                                 | 1000                                                                     | 24                                                                   | 2.4                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.000668)                                                       | ND (0.000679)                                                       | ND (0.00083)                                      |
| Endrin                                                                             | 0.06                                                                     | 11                                                                   | 0.014                                                      | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.000668)                                                       | ND (0.000679)                                                       | ND (0.00083)                                      |
| Endrin aldehyde                                                                    | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.002)                                                          | ND (0.00204)                                                        | ND (0.00249)                                      |
| Endrin ketone                                                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0016)                                                         | ND (0.00163)                                                        | ND (0.00199)                                      |
| gamma-BHC (Lindane)                                                                | 0.1                                                                      | 1.3                                                                  | 0.1                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.000668)                                                       | ND (0.000679)                                                       | ND (0.00083)                                      |
| gamma-Chlordane (trans)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.002)                                                          | ND (0.00204)                                                        | ND (0.00249)                                      |
| Heptachlor                                                                         | 0.38                                                                     | 2.1                                                                  | 0.042                                                      | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.000802)                                                       | ND (0.000815)                                                       | ND (0.000996)                                     |
| Heptachlor epoxide                                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00301)                                                        | ND (0.00306)                                                        | ND (0.00374)                                      |
| Methoxychlor                                                                       | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00301)                                                        | ND (0.00306)                                                        | ND (0.00374)                                      |
| Toxaphene                                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0301)                                                         | ND (0.0306)                                                         | ND (0.0374)                                       |

| Location Name<br>Sample Name<br>Sample Date<br>Lab Sample ID<br>Sample Depth (bgs) | Action Level                                                             |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             | SRI-01<br>SRI-01_14-16<br>05/16/2023<br>L2327188-18<br>14 - 16 (ft) | SRI-01<br>SRI-01_20-22<br>05/16/2023<br>L2327188-19<br>20 - 22 (ft) | DUP-01_05162023<br>05/16/2023<br>L2327188-39<br>- |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------|
|                                                                                    | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater<br>Proposed PFAS | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives<br>Proposed PFAS | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives<br>Proposed PFAS |                                                                     |                                                                     |                                                   |
| PFAS (ng/g)                                                                        |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                                     |                                                                     |                                                   |
| 6:2 Fluorotelomer sulfonic acid (6:2 FTS)                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.791)                                                          | ND (0.795)                                                          | ND (0.792)                                        |
| 8:2 Fluorotelomer sulfonic acid (8:2 FTS)                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.791)                                                          | ND (0.795)                                                          | ND (0.792)                                        |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NETFOSAA)                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| Perfluorobutanesulfonic acid (PFBS)                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| Perfluorobutanoic acid (PFBA)                                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.791)                                                          | ND (0.795)                                                          | ND (0.792)                                        |
| Perfluorodecanesulfonic acid (PFDS)                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| Perfluorodecanoic acid (PFDA)                                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| Perfluorododecanoic acid (PFDoDA)                                                  | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| Perfluoroheptanesulfonic acid (PFHpS)                                              | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| Perfluoroheptanoic acid (PFHpA)                                                    | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| Perfluorohexanesulfonic acid (PFHxS)                                               | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| Perfluorohexanoic acid (PFHxA)                                                     | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| Perfluorononanoic acid (PFNA)                                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| Perfluorooctane sulfonamide (PFOSA)                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| Perfluorooctanesulfonic acid (PFOS)                                                | NA                                                                       | NA                                                                   | NA                                                         | 1                                                                                         | 44                                                                                    | 0.88                                                                        | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| Perfluorooctanoic acid (PFOA)                                                      | NA                                                                       | NA                                                                   | NA                                                         | 0.8                                                                                       | 33                                                                                    | 0.66                                                                        | ND (0.198)                                                          | 0.056 J                                                             | ND (0.198)                                        |
| Perfluoropentanoic acid (PFPeA)                                                    | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.395)                                                          | ND (0.398)                                                          | ND (0.396)                                        |
| Perfluorotetradecanoic acid (PFTeDA)                                               | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| Perfluorotridecanoic acid (PFTriDA)                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| Perfluoroundecanoic acid (PFUnDA)                                                  | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | ND (0.199)                                                          | ND (0.198)                                        |
| US EPA PFAS (PFOS + PFOA)                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.198)                                                          | 0.056 J                                                             | ND (0.198)                                        |

**ABBREVIATIONS AND NOTES:**  
*mg/kg:* milligram per kilogram  
*ng/g:* nanogram per gram  
  
-: Not Analyzed  
*bgs:* below ground surface  
*CVOCs:* Chlorinated volatile organic compounds  
*ft:* feet  
*J:* Value is estimated.  
*J-:* Value is estimated, low bias.  
*J+:* Value is estimated, high bias.  
*NA:* Not Applicable  
*ND (2.5):* Not detected, number in parentheses is the laboratory reporting limit  
  
- For test methods used, see the laboratory data sheets.  
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO), Restricted-Use Residential SCOs, and Protection of Groundwater SCO's.  
- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.  
- Grey shading indicates an exceedance of the Unrestricted Use Soil Cleanup Objectives.  
- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.  
- SUM of CVOCs includes the following compounds: carbon tetrachloride, 1,1-dichloroethene, cis-1,2-dichloroethene, trichloroethene, methylene chloride, tetrachloroethene, 1,1,1-trichloroethane, vinyl chloride



| Location Name<br>Sample Name<br>Sample Date<br>Lab Sample ID<br>Sample Depth (bgs) | Action Level                                                       |                                                                |                                                      |                                                                                  |                                                                              |                                                                    | SRI-02                                                    | SRI-02                                                    | SRI-03                                                    | SRI-04                                                    | SRI-04                                                    | SRI-05                                                    | SRI-05                                                    | SRI-06                                                    | SRI-06                                                    | SRI-07                                                    | SRI-07                                                    | SRI-08                                                    | SRI-08                                                    |  |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|--|
|                                                                                    | Restricted Use Soil Cleanup Objectives - Protection of Groundwater | NY Part 375 Restricted Residential Use Soil Cleanup Objectives | NY Part 375 Unrestricted Use Soil Cleanup Objectives | Restricted Use Soil Cleanup Objectives - Protection of Groundwater Proposed PFAS | NY Part 375 Restricted Residential Use Soil Cleanup Objectives Proposed PFAS | NY Part 375 Unrestricted Use Soil Cleanup Objectives Proposed PFAS | SRI-02_14-16<br>05/16/2023<br>L2327188-21<br>14 - 16 (ft) | SRI-02_20-22<br>05/16/2023<br>L2327188-22<br>20 - 22 (ft) | SRI-03_14-16<br>05/15/2023<br>L2326867-12<br>14 - 16 (ft) | SRI-04_14-16<br>05/15/2023<br>L2326867-15<br>14 - 16 (ft) | SRI-04_20-22<br>05/15/2023<br>L2326867-16<br>20 - 22 (ft) | SRI-05_14-16<br>05/16/2023<br>L2327188-27<br>14 - 16 (ft) | SRI-05_20-22<br>05/16/2023<br>L2327188-28<br>20 - 22 (ft) | SRI-06_14-16<br>05/16/2023<br>L2327188-24<br>14 - 16 (ft) | SRI-06_20-22<br>05/16/2023<br>L2327188-25<br>20 - 22 (ft) | SRI-07_14-16<br>05/16/2023<br>L2327188-30<br>14 - 16 (ft) | SRI-07_20-22<br>05/16/2023<br>L2327188-31<br>20 - 22 (ft) | SRI-08_14-16<br>05/16/2023<br>L2327188-33<br>14 - 16 (ft) | SRI-08_20-22<br>05/16/2023<br>L2327188-34<br>20 - 22 (ft) |  |
|                                                                                    |                                                                    |                                                                |                                                      |                                                                                  |                                                                              |                                                                    |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |  |
| Semi-Volatile Organic Compounds (mg/kg)                                            |                                                                    |                                                                |                                                      |                                                                                  |                                                                              |                                                                    |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |  |
| 1,2,4,5-Tetrachlorobenzene                                                         | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 1,2,4-Trichlorobenzene                                                             | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 1,2-Dichlorobenzene                                                                | 1.1                                                                | 100                                                            | 1.1                                                  | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92) J                                               | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 1,3-Dichlorobenzene                                                                | 2.4                                                                | 49                                                             | 2.4                                                  | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92) J                                               | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 1,4-Dichlorobenzene                                                                | 1.8                                                                | 13                                                             | 1.8                                                  | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92) J                                               | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 1,4-Dioxane                                                                        | 0.1                                                                | 13                                                             | 0.1                                                  | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.031)                                                | ND (0.031)                                                | ND (0.027)                                                | ND (0.027)                                                | ND (0.027)                                                | ND (0.14)                                                 | ND (0.028)                                                | ND (0.025)                                                | ND (0.025)                                                | ND (0.028)                                                | ND (0.025)                                                | ND (0.028)                                                | ND (0.026)                                                |  |
| 2,2'-oxybis(1-Chloropropane)                                                       | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.25)                                                 | ND (0.24)                                                 | ND (0.21)                                                 | ND (0.22)                                                 | ND (0.22)                                                 | ND (1.1)                                                  | ND (0.22)                                                 | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.23)                                                 | ND (0.2)                                                  | ND (0.22)                                                 | ND (0.21)                                                 |  |
| 2,4,5-Trichlorophenol                                                              | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 2,4,6-Trichlorophenol                                                              | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.12)                                                 | ND (0.12)                                                 | ND (0.11)                                                 | ND (0.11)                                                 | ND (0.11)                                                 | ND (0.55)                                                 | ND (0.11)                                                 | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.11)                                                 | ND (0.1)                                                  | ND (0.11)                                                 | ND (0.1)                                                  |  |
| 2,4-Dichlorophenol                                                                 | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.19)                                                 | ND (0.18)                                                 | ND (0.16)                                                 | ND (0.16)                                                 | ND (0.16)                                                 | ND (0.83)                                                 | ND (0.17)                                                 | ND (0.15)                                                 | ND (0.15)                                                 | ND (0.17)                                                 | ND (0.15)                                                 | ND (0.17)                                                 | ND (0.16)                                                 |  |
| 2,4-Dimethylphenol                                                                 | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92) J                                               | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 2,4-Dinitrophenol                                                                  | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (1)                                                    | ND (0.98)                                                 | ND (0.85)                                                 | ND (0.87)                                                 | ND (0.86)                                                 | ND (4.4)                                                  | ND (0.88)                                                 | ND (0.82)                                                 | ND (0.81)                                                 | ND (0.91)                                                 | ND (0.81)                                                 | ND (0.89)                                                 | ND (0.83)                                                 |  |
| 2,4-Dinitrotoluene                                                                 | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 2,6-Dinitrotoluene                                                                 | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 2-Chloronaphthalene                                                                | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 2-Chlorophenol                                                                     | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92) J                                               | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 2-Methylnaphthalene                                                                | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.25)                                                 | ND (0.24)                                                 | ND (0.21)                                                 | ND (0.22)                                                 | ND (0.22)                                                 | 0.38 J                                                    | ND (0.22)                                                 | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.23)                                                 | ND (0.2)                                                  | ND (0.22)                                                 | 0.18 J                                                    |  |
| 2-Methylphenol (o-Cresol)                                                          | 0.33                                                               | 100                                                            | 0.33                                                 | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92) J                                               | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 2-Nitroaniline                                                                     | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 2-Nitrophenol                                                                      | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.45)                                                 | ND (0.44)                                                 | ND (0.38)                                                 | ND (0.39)                                                 | ND (0.39)                                                 | ND (2) J                                                  | ND (0.4)                                                  | ND (0.37)                                                 | ND (0.36)                                                 | ND (0.41)                                                 | ND (0.36)                                                 | ND (0.4)                                                  | ND (0.38)                                                 |  |
| 3&4-Methylphenol                                                                   | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.3)                                                  | ND (0.29)                                                 | ND (0.26)                                                 | ND (0.26)                                                 | ND (0.26)                                                 | ND (1.3) J                                                | ND (0.26)                                                 | ND (0.24)                                                 | ND (0.24)                                                 | ND (0.27)                                                 | ND (0.24)                                                 | ND (0.27)                                                 | ND (0.25)                                                 |  |
| 3,3'-Dichlorobenzidine                                                             | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 3-Nitroaniline                                                                     | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 4,6-Dinitro-2-methylphenol                                                         | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.54)                                                 | ND (0.53)                                                 | ND (0.46)                                                 | ND (0.47)                                                 | ND (0.47)                                                 | ND (2.4)                                                  | ND (0.48)                                                 | ND (0.44)                                                 | ND (0.44)                                                 | ND (0.49)                                                 | ND (0.44)                                                 | ND (0.48)                                                 | ND (0.45)                                                 |  |
| 4-Bromophenyl phenyl ether (BDE-3)                                                 | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 4-Chloro-3-methylphenol                                                            | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 4-Chloroaniline                                                                    | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | -                                                         | -                                                         | -                                                         | ND (0.92)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 4-Chlorophenyl phenyl ether                                                        | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 4-Nitroaniline                                                                     | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| 4-Nitrophenol                                                                      | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.29)                                                 | ND (0.28)                                                 | ND (0.25)                                                 | ND (0.25)                                                 | ND (0.25)                                                 | ND (1.3)                                                  | ND (0.26)                                                 | ND (0.24)                                                 | ND (0.24)                                                 | ND (0.26)                                                 | ND (0.24)                                                 | ND (0.26)                                                 | ND (0.24)                                                 |  |
| Acenaphthene                                                                       | 98                                                                 | 100                                                            | 20                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.17)                                                 | ND (0.16)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | 0.14 J                                                    | ND (0.15)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.15)                                                 | ND (0.13)                                                 | ND (0.15)                                                 | ND (0.14)                                                 |  |
| Acenaphthylene                                                                     | 107                                                                | 100                                                            | 100                                                  | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.17)                                                 | ND (0.16)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.74)                                                 | ND (0.15)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.15)                                                 | ND (0.13)                                                 | ND (0.15)                                                 | ND (0.14)                                                 |  |
| Acetophenone                                                                       | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.92) J                                               | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.19)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |  |
| Anthracene                                                                         | 1000                                                               | 100                                                            | 100                                                  | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.12)                                                 | ND (0.12)                                                 | ND (0.11)                                                 | ND (0.11)                                                 | ND (0.11)                                                 | 0.2 J                                                     | ND (0.11)                                                 | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.11)                                                 | ND (0.1)                                                  | ND (0.11)                                                 | ND (0.1)                                                  |  |
| Benzo(a)anthracene                                                                 | 1                                                                  | 1                                                              | 1                                                    | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.12)                                                 | ND (0.12)                                                 | ND (0.11)                                                 | ND (0.11)                                                 | ND (0.11)                                                 | 0.6                                                       | ND (0.11)                                                 | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.11)                                                 | ND (0.1)                                                  | ND (0.11)                                                 | ND (0.1)                                                  |  |
| Benzo(a)pyrene                                                                     | 22                                                                 | 1                                                              | 1                                                    | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.17)                                                 | ND (0.16)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | 0.63 J                                                    | ND (0.15)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.15)                                                 | ND (0.13)                                                 | ND (0.15)                                                 | ND (0.14)                                                 |  |
| Benzo(b)fluoranthene                                                               | 1.7                                                                | 1                                                              | 1                                                    | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.12)                                                 | ND (0.12)                                                 | ND (0.11)                                                 | ND (0.11)                                                 | ND (0.11)                                                 | 0.75                                                      | ND (0.11)                                                 | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.11)                                                 | ND (0.1)                                                  | ND (0.11)                                                 | ND (0.1)                                                  |  |
| Benzo(g,h,i)perylene                                                               | 1000                                                               | 100                                                            | 100                                                  | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.17)                                                 | ND (0.16)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | 0.4 J                                                     | ND (0.15)                                                 | ND (0.14)                                                 |                                                           |                                                           |                                                           |                                                           |                                                           |  |



TABLE 2  
SUMMARY OF SOIL QUALITY DATA  
828 METROPOLITAN AVENUE  
BROOKLYN, NY  
FILE NO. 0205563

| Location Name<br>Sample Name<br>Sample Date<br>Lab Sample ID<br>Sample Depth (bgs) | Action Level                                                             |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             | SRI-02                                                    | SRI-02                                                    | SRI-03                                                    | SRI-04                                                    | SRI-04                                                    | SRI-05                                                    | SRI-05                                                    | SRI-06                                                    | SRI-06                                                    | SRI-07                                                    | SRI-07                                                    | SRI-08                                                    | SRI-08                                                    |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
|                                                                                    | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater<br>Proposed PFAS | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives<br>Proposed PFAS | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives<br>Proposed PFAS | SRI-02_14-16<br>05/16/2023<br>L2327188-21<br>14 - 16 (ft) | SRI-02_20-22<br>05/16/2023<br>L2327188-22<br>20 - 22 (ft) | SRI-03_14-16<br>05/15/2023<br>L2327188-12<br>14 - 16 (ft) | SRI-04_14-16<br>05/15/2023<br>L2326867-15<br>14 - 16 (ft) | SRI-04_20-22<br>05/15/2023<br>L2326867-16<br>20 - 22 (ft) | SRI-05_14-16<br>05/16/2023<br>L2327188-27<br>14 - 16 (ft) | SRI-05_20-22<br>05/16/2023<br>L2327188-28<br>20 - 22 (ft) | SRI-06_14-16<br>05/16/2023<br>L2327188-24<br>14 - 16 (ft) | SRI-06_20-22<br>05/16/2023<br>L2327188-25<br>20 - 22 (ft) | SRI-07_14-16<br>05/16/2023<br>L2327188-30<br>14 - 16 (ft) | SRI-07_20-22<br>05/16/2023<br>L2327188-31<br>20 - 22 (ft) | SRI-08_14-16<br>05/16/2023<br>L2327188-33<br>14 - 16 (ft) | SRI-08_20-22<br>05/16/2023<br>L2327188-34<br>20 - 22 (ft) |
| Inorganic Compounds (mg/kg)                                                        |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |
| Aluminum                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 1300 J+                                                   | 4210 J+                                                   | 2920                                                      | 7280                                                      | 6630                                                      | 8720 J+                                                   | 5870 J+                                                   | 3710 J+                                                   | 8470 J+                                                   | 4600 J+                                                   | 3820 J+                                                   | 7550 J+                                                   | 5920 J+                                                   |
| Antimony                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (4.97)                                                 | ND (4.75)                                                 | ND (4.15)                                                 | ND (4.26)                                                 | ND (4.26)                                                 | ND (4.38)                                                 | ND (4.18)                                                 | ND (3.93)                                                 | ND (4.05)                                                 | ND (4.34)                                                 | ND (3.88)                                                 | ND (4.33)                                                 | ND (3.94)                                                 |
| Arsenic                                                                            | 16                                                                       | 16                                                                   | 13                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 2.79                                                      | 2.62                                                      | 1.2                                                       | 7.39                                                      | 3.01                                                      | 3.45                                                      | 2.64                                                      | 0.978                                                     | 1.94                                                      | 1.02                                                      | 2.7                                                       | 2.28                                                      | 2.35                                                      |
| Barium                                                                             | 820                                                                      | 400                                                                  | 350                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | 6.49                                                      | 22.9                                                      | 14.1                                                      | 19.5                                                      | 41.6                                                      | 75.2                                                      | 53.4                                                      | 25.1                                                      | 51.9                                                      | 45.6                                                      | 25.4                                                      | 45.4                                                      | 34.2                                                      |
| Beryllium                                                                          | 47                                                                       | 72                                                                   | 7.2                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | 0.204 J                                                   | 0.263 J                                                   | 0.156 J                                                   | 0.575                                                     | 0.278 J                                                   | 0.464                                                     | 0.403 J                                                   | 0.268 J                                                   | 0.328 J                                                   | 0.304 J                                                   | 0.301 J                                                   | 0.433                                                     | 0.429                                                     |
| Cadmium                                                                            | 7.5                                                                      | 4.3                                                                  | 2.5                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | 0.156 J                                                   | ND (0.95)                                                 | ND (0.831)                                                | ND (0.851)                                                | ND (0.852)                                                | 0.28 J                                                    | 0.184 J                                                   | 0.085 J                                                   | 0.115 J                                                   | 0.086 J                                                   | 0.098 J                                                   | 0.145 J                                                   | 0.132 J                                                   |
| Calcium                                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 206000                                                    | 5300                                                      | 1410                                                      | 612                                                       | 2030                                                      | 11900                                                     | 3250                                                      | 902                                                       | 1230                                                      | 1350                                                      | 1030                                                      | 728                                                       | 3740                                                      |
| Chromium                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 4.17                                                      | 12.6                                                      | 11                                                        | 19.6                                                      | 21.2                                                      | 25.1                                                      | 17.5                                                      | 9.43                                                      | 13                                                        | 12.9                                                      | 18.4                                                      | 18.3                                                      | 19.9                                                      |
| Cobalt                                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 2.83                                                      | 5                                                         | 4.71                                                      | 5.03                                                      | 8.4                                                       | 6.1                                                       | 7.96                                                      | 4.12                                                      | 4.8                                                       | 4.69                                                      | 4.69                                                      | 10.9                                                      | 7.1                                                       |
| Copper                                                                             | 1720                                                                     | 270                                                                  | 50                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 2.07                                                      | 8.95                                                      | 8.68                                                      | 14                                                        | 17.7                                                      | 29.3                                                      | 20.2                                                      | 17.6                                                      | 6.11                                                      | 11.3                                                      | 9.06                                                      | 13                                                        | 12.6                                                      |
| Iron                                                                               | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 10900 J-                                                  | 14100 J-                                                  | 21400                                                     | 19900                                                     | 30400                                                     | 17500 J-                                                  | 20900 J-                                                  | 14600 J-                                                  | 14100 J-                                                  | 14600 J-                                                  | 16600 J-                                                  | 23200 J-                                                  | 21700 J-                                                  |
| Lead                                                                               | 450                                                                      | 400                                                                  | 63                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 4.63 J+                                                   | 10.7 J+                                                   | 3.67 J                                                    | 6.54                                                      | 7.86                                                      | 105 J+                                                    | 34.8 J+                                                   | 2.92 J+                                                   | 4.72 J+                                                   | 3.14 J+                                                   | 5.74 J+                                                   | 5.08 J+                                                   | 8.71 J+                                                   |
| Magnesium                                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 125000                                                    | 3030                                                      | 1550                                                      | 1420                                                      | 2390                                                      | 4570                                                      | 1920                                                      | 1510                                                      | 2090                                                      | 1970                                                      | 1340                                                      | 2930                                                      | 2390                                                      |
| Manganese                                                                          | 2000                                                                     | 2000                                                                 | 1600                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | 778 J+                                                    | 155 J+                                                    | 368                                                       | 166                                                       | 728                                                       | 324 J+                                                    | 358 J+                                                    | 261 J+                                                    | 124 J+                                                    | 1020 J+                                                   | 236 J+                                                    | 360 J+                                                    | 394 J+                                                    |
| Mercury                                                                            | 0.73                                                                     | 0.81                                                                 | 0.18                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.08)                                                 | ND (0.079)                                                | ND (0.069)                                                | ND (0.07)                                                 | ND (0.071)                                                | 0.322                                                     | ND (0.07)                                                 | ND (0.065)                                                | ND (0.067)                                                | ND (0.074)                                                | ND (0.067)                                                | ND (0.073)                                                | ND (0.067)                                                |
| Nickel                                                                             | 130                                                                      | 310                                                                  | 30                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 4.79                                                      | 9.31                                                      | 9.95                                                      | 12.3                                                      | 19.2                                                      | 10.7                                                      | 12                                                        | 6.83                                                      | 9                                                         | 9.07                                                      | 9.65                                                      | 19.8                                                      | 11.9                                                      |
| Potassium                                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 497                                                       | 562                                                       | 586                                                       | 559                                                       | 1040                                                      | 639                                                       | 969                                                       | 551                                                       | 371                                                       | 1110                                                      | 736                                                       | 2120                                                      | 680                                                       |
| Selenium                                                                           | 4                                                                        | 180                                                                  | 3.9                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (1.99)                                                 | ND (1.9)                                                  | ND (1.66)                                                 | ND (1.7)                                                  | ND (1.7)                                                  | 0.331 J                                                   | ND (1.67)                                                 | ND (1.57)                                                 | ND (1.62)                                                 | ND (1.74)                                                 | ND (1.55)                                                 | ND (1.73)                                                 | ND (1.58)                                                 |
| Silver                                                                             | 8.3                                                                      | 180                                                                  | 2                                                          | NA                                                                                        | NA                                                                                    | NA                                                                          | 0.696                                                     | ND (0.475)                                                | ND (0.415)                                                | ND (0.426)                                                | ND (0.426)                                                | ND (0.438)                                                | ND (0.418)                                                | ND (0.393)                                                | ND (0.405)                                                | ND (0.434)                                                | ND (0.388)                                                | ND (0.433)                                                | ND (0.394)                                                |
| Sodium                                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 345                                                       | 380                                                       | ND (166)                                                  | ND (170)                                                  | 345                                                       | 302                                                       | 296                                                       | 141 J                                                     | 99 J                                                      | 195                                                       | 176                                                       | 120 J                                                     | 121 J                                                     |
| Thallium                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 0.865 J                                                   | 0.457 J                                                   | ND (1.66)                                                 | ND (1.7)                                                  | ND (1.7)                                                  | 0.477 J                                                   | 0.46 J                                                    | 0.409 J                                                   | ND (1.62)                                                 | 0.702 J                                                   | 0.395 J                                                   | 0.475 J                                                   | 0.389 J                                                   |
| Vanadium                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 8.5                                                       | 17.6                                                      | 20.7                                                      | 25                                                        | 26.7                                                      | 24.1                                                      | 24.7                                                      | 20.1                                                      | 15.9                                                      | 21.3                                                      | 19                                                        | 25.3                                                      | 27.3                                                      |
| Zinc                                                                               | 2480                                                                     | 10000                                                                | 109                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | 33.2                                                      | 22.7                                                      | 22.5                                                      | 28.9                                                      | 35.5                                                      | 100                                                       | 48.1                                                      | 15.3                                                      | 29.4                                                      | 20.6                                                      | 25.6                                                      | 50                                                        | 43.9                                                      |
| PCBs (mg/kg)                                                                       |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |
| Aroclor-1016 (PCB-1016)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.061)                                                | ND (0.0591)                                               | ND (0.052)                                                | ND (0.0519)                                               | ND (0.0511)                                               | ND (0.0539)                                               | ND (0.0524)                                               | ND (0.0498)                                               | ND (0.0478)                                               | ND (0.0525)                                               | ND (0.051)                                                | ND (0.0526)                                               | ND (0.0522)                                               |
| Aroclor-1221 (PCB-1221)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.061)                                                | ND (0.0591)                                               | ND (0.052)                                                | ND (0.0519)                                               | ND (0.0511)                                               | ND (0.0539)                                               | ND (0.0524)                                               | ND (0.0498)                                               | ND (0.0478)                                               | ND (0.0525)                                               | ND (0.051)                                                | ND (0.0526)                                               | ND (0.0522)                                               |
| Aroclor-1232 (PCB-1232)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.061)                                                | ND (0.0591)                                               | ND (0.052)                                                | ND (0.0519)                                               | ND (0.0511)                                               | ND (0.0539)                                               | ND (0.0524)                                               | ND (0.0498)                                               | ND (0.0478)                                               | ND (0.0525)                                               | ND (0.051)                                                | ND (0.0526)                                               | ND (0.0522)                                               |
| Aroclor-1242 (PCB-1242)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.061)                                                | ND (0.0591)                                               | ND (0.052)                                                | ND (0.0519)                                               | ND (0.0511)                                               | ND (0.0539)                                               | ND (0.0524)                                               | ND (0.0498)                                               | ND (0.0478)                                               | ND (0.0525)                                               | ND (0.051)                                                | ND (0.0526)                                               | ND (0.0522)                                               |
| Aroclor-1248 (PCB-1248)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.061)                                                | ND (0.0591)                                               | ND (0.052)                                                | ND (0.0519)                                               | ND (0.0511)                                               | ND (0.0539)                                               | ND (0.0524)                                               | ND (0.0498)                                               | ND (0.0478)                                               | ND (0.0525)                                               | ND (0.051)                                                | ND (0.0526)                                               | ND (0.0522)                                               |
| Aroclor-1254 (PCB-1254)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.061)                                                | ND (0.0591)                                               | ND (0.052)                                                | ND (0.0519)                                               | ND (0.0511)                                               | ND (0.0539)                                               | ND (0.0524)                                               | ND (0.0498)                                               | ND (0.0478)                                               | ND (0.0525)                                               | ND (0.051)                                                | ND (0.0526)                                               | ND (0.0522)                                               |
| Aroclor-1260 (PCB-1260)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.061)                                                | ND (0.0591)                                               | ND (0.052)                                                | ND (0.0519)                                               | ND (0.0511)                                               | ND (0.0539)                                               | ND (0.0524)                                               | ND (0.0498)                                               | ND (0.0478)                                               | ND (0.0525)                                               | ND (0.051)                                                | ND (0.0526)                                               | ND (0.0522)                                               |
| Aroclor-1262 (PCB-1262)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.061)                                                | ND (0.0591)                                               | ND (0.052)                                                | ND (0.0519)                                               | ND (0.0511)                                               | ND (0.0539)                                               | ND (0.0524)                                               | ND (0.0498)                                               | ND (0.0478)                                               | ND (0.0525)                                               | ND (0.051)                                                | ND (0.0526)                                               | ND (0.0522)                                               |
| Aroclor-1268 (PCB-1268)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.061)                                                | ND (0.0591)                                               | ND (0.052)                                                | ND (0.0519)                                               | ND (0.0511)                                               | ND (0.0539)                                               | ND (0.0524)                                               | ND (0.0498)                                               | ND (0.0478)                                               | ND (0.0525)                                               | ND (0.051)                                                | ND (0.0526)                                               | ND (0.0522)                                               |
| Polychlorinated biphenyls (PCBs)                                                   | 3.2                                                                      | 1                                                                    | 0.1                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.061)                                                | ND (0.0591)                                               | ND (0.052)                                                | ND (0.0519)                                               | ND (0.0511)                                               | ND (0.0539)                                               | ND (0.0524)                                               | ND (0.0498)                                               | ND (0.0478)                                               | ND (0.0525)                                               | ND (0.051)                                                | ND (0.0526)                                               | ND (0.0522)                                               |
| Other                                                                              |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |
| Total Solids (%)                                                                   | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 79.6                                                      | 80.3                                                      | 92.5                                                      | 90.1                                                      | 91.3                                                      | 88.9                                                      | 89.9                                                      | 97.8                                                      | 96.3                                                      | 86.9                                                      | 96.9                                                      | 88                                                        | 95.3                                                      |
| Pesticides (mg/kg)                                                                 |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |
| 4,4'-DDD                                                                           | 14                                                                       | 13                                                                   | 0.0033                                                     | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00194)                                              | ND (0.0019)                                               | ND (0.00168)                                              | ND (0.00174)                                              | ND (0.00169)                                              | ND (0.00174)                                              | ND (0.0017)                                               | ND (0.00157)                                              | ND (0.00156)                                              | ND (0.00176)                                              | ND (0.00164)                                              | ND (0.00174)                                              | ND (0.00164)                                              |
| 4,4'-DDE                                                                           | 17                                                                       | 8.9                                                                  | 0.0033                                                     | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00194)                                              | ND (0.0019)                                               | ND (0.00168)                                              | ND (0.00174)                                              | ND (0.00169)                                              | 0.00272                                                   | ND (0.0017)                                               | ND (0.00157)                                              | ND (0.00156)                                              | ND (0.00176)                                              | ND (0.00164)                                              | ND (0.00174)                                              | ND (0.00164)                                              |
| 4,4'-DDT                                                                           | 136                                                                      | 7.9                                                                  | 0.0033                                                     | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00194)                                              | ND (0.0019)                                               | ND (0.00168)                                              | ND (0.00174)                                              | ND (0.00169)                                              | 0.00155 J                                                 | ND (0.0017)                                               | ND (0.00157)                                              | ND (0.00156)                                              | ND (0.00176)                                              | ND (0.00164)                                              | ND (0.00174)                                              | ND (0.00164)                                              |
| Aldrin                                                                             | 0.19                                                                     | 0.097                                                                | 0.005                                                      | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00194)                                              | ND (0.0019)                                               | ND (0.00168)                                              | ND (0.00174)                                              | ND (0.00169)                                              | ND (0.00174)                                              | ND (0.0017)                                               | ND (0.00157)                                              | ND (0.00156)                                              | ND (0.00176)                                              | ND (0.00164)                                              | ND (0.00174)                                              | ND (0.00164)                                              |
| alpha-BHC                                                                          | 0.02                                                                     | 0.48                                                                 | 0.02                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.000807)                                             | ND (0.000793)                                             | ND (0.0007)                                               | ND (0.000727)                                             | ND (0.000706)                                             | ND (0.000724)                                             | ND (0.000709)</                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |

| Location Name<br>Sample Name<br>Sample Date<br>Lab Sample ID<br>Sample Depth (bgs) | Action Level                                                       |                                                                |                                                      |                                                                                  |                                                                              |                                                                    | SRI-02                                                    | SRI-02                                                    | SRI-03                                                    | SRI-04                                                    | SRI-04                                                    | SRI-05                                                    | SRI-05                                                    | SRI-06                                                    | SRI-06                                                    | SRI-07                                                    | SRI-07                                                    | SRI-08                                                    | SRI-08                                                    |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
|                                                                                    | Restricted Use Soil Cleanup Objectives - Protection of Groundwater | NY Part 375 Restricted Residential Use Soil Cleanup Objectives | NY Part 375 Unrestricted Use Soil Cleanup Objectives | Restricted Use Soil Cleanup Objectives - Protection of Groundwater Proposed PFAS | NY Part 375 Restricted Residential Use Soil Cleanup Objectives Proposed PFAS | NY Part 375 Unrestricted Use Soil Cleanup Objectives Proposed PFAS | SRI-02_14-16<br>05/16/2023<br>L2327188-21<br>14 - 16 (ft) | SRI-02_20-22<br>05/16/2023<br>L2327188-22<br>20 - 22 (ft) | SRI-03_14-16<br>05/15/2023<br>L2326867-12<br>14 - 16 (ft) | SRI-04_14-16<br>05/15/2023<br>L2326867-15<br>14 - 16 (ft) | SRI-04_20-22<br>05/15/2023<br>L2326867-16<br>20 - 22 (ft) | SRI-05_14-16<br>05/16/2023<br>L2327188-27<br>14 - 16 (ft) | SRI-05_20-22<br>05/16/2023<br>L2327188-28<br>20 - 22 (ft) | SRI-06_14-16<br>05/16/2023<br>L2327188-24<br>14 - 16 (ft) | SRI-06_20-22<br>05/16/2023<br>L2327188-25<br>20 - 22 (ft) | SRI-07_14-16<br>05/16/2023<br>L2327188-30<br>14 - 16 (ft) | SRI-07_20-22<br>05/16/2023<br>L2327188-31<br>20 - 22 (ft) | SRI-08_14-16<br>05/16/2023<br>L2327188-33<br>14 - 16 (ft) | SRI-08_20-22<br>05/16/2023<br>L2327188-34<br>20 - 22 (ft) |
| PFAS (ng/g)                                                                        |                                                                    |                                                                |                                                      |                                                                                  |                                                                              |                                                                    |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |
| 6:2 Fluorotelomer sulfonic acid (6:2 FTS)                                          | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.795)                                                | ND (0.776)                                                | ND (0.793)                                                | ND (0.798)                                                | ND (0.785)                                                | ND (0.789)                                                | ND (0.79)                                                 | ND (0.788)                                                | ND (0.799)                                                | ND (0.799)                                                | ND (0.797)                                                | ND (0.784)                                                | ND (0.796)                                                |
| 8:2 Fluorotelomer sulfonic acid (8:2 FTS)                                          | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.795)                                                | ND (0.776)                                                | ND (0.793)                                                | ND (0.798)                                                | ND (0.785)                                                | ND (0.789)                                                | ND (0.79)                                                 | ND (0.788)                                                | ND (0.799)                                                | ND (0.799)                                                | ND (0.797)                                                | ND (0.784)                                                | ND (0.796)                                                |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NETFOSAA)                           | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)                           | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| Perfluorobutanesulfonic acid (PFBS)                                                | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| Perfluorobutanoic acid (PFBA)                                                      | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.795)                                                | ND (0.776)                                                | ND (0.793)                                                | ND (0.798)                                                | ND (0.785)                                                | ND (0.789)                                                | ND (0.79)                                                 | ND (0.788)                                                | ND (0.799)                                                | ND (0.799)                                                | ND (0.797)                                                | ND (0.784)                                                | ND (0.796)                                                |
| Perfluorodecanesulfonic acid (PFDS)                                                | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| Perfluorodecanoic acid (PFDA)                                                      | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| Perfluorododecanoic acid (PFDoDA)                                                  | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| Perfluoroheptanesulfonic acid (PFHpS)                                              | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| Perfluoroheptanoic acid (PFHpA)                                                    | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| Perfluorohexanesulfonic acid (PFHxS)                                               | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| Perfluorohexanoic acid (PFHxA)                                                     | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| Perfluorononanoic acid (PFNA)                                                      | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| Perfluorooctane sulfonamide (PFOSA)                                                | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| Perfluorooctanesulfonic acid (PFOS)                                                | NA                                                                 | NA                                                             | NA                                                   | 1                                                                                | 44                                                                           | 0.88                                                               | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | 0.19 J                                                    | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | 0.231                                                     |
| Perfluorooctanoic acid (PFOA)                                                      | NA                                                                 | NA                                                             | NA                                                   | 0.8                                                                              | 33                                                                           | 0.66                                                               | 0.095 J                                                   | 0.062 J                                                   | 0.119 J                                                   | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | 0.055 J                                                   | 0.087 J                                                   | 0.056 J                                                   | ND (0.2)                                                  | 0.135 J                                                   | ND (0.196)                                                | 0.056 J                                                   |
| Perfluoropentanoic acid (PFPeA)                                                    | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.398)                                                | ND (0.388)                                                | ND (0.397)                                                | ND (0.399)                                                | ND (0.392)                                                | ND (0.395)                                                | ND (0.395)                                                | ND (0.394)                                                | ND (0.399)                                                | ND (0.4)                                                  | ND (0.398)                                                | ND (0.392)                                                | ND (0.398)                                                |
| Perfluorotetradecanoic acid (PFTeDA)                                               | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| Perfluorotridecanoic acid (PFTrDA)                                                 | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| Perfluoroundecanoic acid (PFUnDA)                                                  | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.199)                                                | ND (0.194)                                                | ND (0.198)                                                | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | ND (0.198)                                                | ND (0.197)                                                | ND (0.2)                                                  | ND (0.2)                                                  | ND (0.199)                                                | ND (0.196)                                                | ND (0.199)                                                |
| US EPA PFAS (PFOS + PFOA)                                                          | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | 0.095 J                                                   | 0.062 J                                                   | 0.119 J                                                   | ND (0.2)                                                  | ND (0.196)                                                | ND (0.197)                                                | 0.245 J                                                   | 0.087 J                                                   | 0.056 J                                                   | ND (0.2)                                                  | 0.135 J                                                   | ND (0.196)                                                | 0.287 J                                                   |

ABBREVIATIONS AND NOTES:

mg/kg: milligram per kilogram

ng/g: nanogram per gram

--: Not Analyzed

bgs: below ground surface

CVOCs: Chlorinated volatile organic compounds

ft: feet

J: Value is estimated.

J--: Value is estimated, low bias.

J+: Value is estimated, high bias.

NA: Not Applicable

ND (2.5): Not detected, number in parentheses is the laboratory reporting limit

- For test methods used, see the laboratory data sheets.

- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO), Restricted-Use Residential SCOs, and Protection of Groundwater SCO's.

- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.

- Grey shading indicates an exceedance of the Unrestricted Use Soil Cleanup Objectives.

- Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.

- SUM of CVOCs includes the following compounds: carbon tetrachloride, 1,1-dichloroethene, cis-1,2-dichloroethene, trichloroethene, methylene chloride, tetrachloroethene, 1,1,1-trichloroethane, vinyl chloride



| Location Name<br>Sample Name<br>Sample Date<br>Lab Sample ID<br>Sample Depth (bgs) | Action Level                                                             |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             | SRI-09                                                    | SRI-09                                                    | SRI-10                                                    | SRI-10                                                    | SRI-10                                                    | SRI-11                                                    | SRI-11                                                    | SRI-11                                                    | SRI-12                                                    | SRI-12                                                    | SRI-12                                                    |  |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|--|
|                                                                                    | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater<br>Proposed PFAS | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives<br>Proposed PFAS | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives<br>Proposed PFAS | SRI-09_14-16<br>05/16/2023<br>L2327188-36<br>14 - 16 (ft) | SRI-09_20-22<br>05/16/2023<br>L2327188-37<br>20 - 22 (ft) | SRI-10_14-16<br>05/17/2023<br>L2327332-01<br>14 - 16 (ft) | SRI-10_20-22<br>05/17/2023<br>L2327332-02<br>20 - 22 (ft) | SRI-10_26-28<br>05/17/2023<br>L2327332-03<br>26 - 28 (ft) | SRI-11_14-16<br>05/17/2023<br>L2327332-04<br>14 - 16 (ft) | SRI-11_20-22<br>05/17/2023<br>L2327332-05<br>20 - 22 (ft) | SRI-11_26-28<br>05/17/2023<br>L2327332-06<br>26 - 28 (ft) | SRI-12_14-16<br>05/17/2023<br>L2327332-07<br>14 - 16 (ft) | SRI-12_20-22<br>05/17/2023<br>L2327332-08<br>20 - 22 (ft) | SRI-12_26-28<br>05/17/2023<br>L2327332-09<br>26 - 28 (ft) |  |
|                                                                                    |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |  |
| Volatile Organic Compounds (mg/kg)                                                 |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |  |
| 1,1,1,2-Tetrachloroethane                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00044)                                              | ND (0.00052)                                              | ND (0.00053)                                              | ND (0.00044)                                              | -                                                         | ND (0.00052)                                              | ND (0.00054)                                              | -                                                         | ND (0.00072)                                              | ND (0.00056)                                              | ND (0.00054)                                              |  |
| 1,1,1-Trichloroethane                                                              | 0.68                                                                     | 100                                                                  | 0.68                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00044)                                              | ND (0.00052)                                              | ND (0.00053)                                              | ND (0.00044)                                              | -                                                         | ND (0.00052)                                              | ND (0.00054)                                              | -                                                         | ND (0.00072)                                              | ND (0.00056)                                              | ND (0.00054)                                              |  |
| 1,1,2,2-Tetrachloroethane                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00044)                                              | ND (0.00052)                                              | ND (0.00053)                                              | ND (0.00044)                                              | -                                                         | ND (0.00052)                                              | ND (0.00054)                                              | -                                                         | ND (0.00072)                                              | ND (0.00056)                                              | ND (0.00054)                                              |  |
| 1,1,2-Trichloroethane                                                              | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00089)                                              | ND (0.001)                                                | ND (0.001)                                                | ND (0.00088)                                              | -                                                         | ND (0.001)                                                | ND (0.0011)                                               | -                                                         | ND (0.0014)                                               | ND (0.0011)                                               | ND (0.0011)                                               |  |
| 1,1-Dichloroethane                                                                 | 0.27                                                                     | 26                                                                   | 0.27                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00089)                                              | ND (0.001)                                                | ND (0.001)                                                | ND (0.00088)                                              | -                                                         | ND (0.001)                                                | ND (0.0011)                                               | -                                                         | ND (0.0014)                                               | ND (0.0011)                                               | ND (0.0011)                                               |  |
| 1,1-Dichloroethene                                                                 | 0.33                                                                     | 100                                                                  | 0.33                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00089)                                              | ND (0.001)                                                | ND (0.001)                                                | ND (0.00088)                                              | -                                                         | ND (0.001)                                                | ND (0.0011)                                               | -                                                         | ND (0.0014)                                               | ND (0.0011)                                               | ND (0.0011)                                               |  |
| 1,1-Dichloropropene                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00044)                                              | ND (0.00052)                                              | ND (0.00053)                                              | ND (0.00044)                                              | -                                                         | ND (0.00052)                                              | ND (0.00054)                                              | -                                                         | ND (0.00072)                                              | ND (0.00056)                                              | ND (0.00054)                                              |  |
| 1,2,3-Trichlorobenzene                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 1,2,3-Trichloropropane                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 1,2,4,5-Tetramethylbenzene                                                         | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 1,2,4-Trichlorobenzene                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 1,2,4-Trimethylbenzene                                                             | 3.6                                                                      | 52                                                                   | 3.6                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | 0.0003 J                                                  | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 1,2-Dibromo-3-chloropropane (DBCP)                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0026)                                               | ND (0.0031)                                               | ND (0.0032)                                               | ND (0.0026)                                               | -                                                         | ND (0.0031)                                               | ND (0.0033)                                               | -                                                         | ND (0.0043)                                               | ND (0.0034)                                               | ND (0.0032)                                               |  |
| 1,2-Dibromoethane (Ethylene Dibromide)                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00089)                                              | ND (0.001)                                                | ND (0.001)                                                | ND (0.00088)                                              | -                                                         | ND (0.001)                                                | ND (0.0011)                                               | -                                                         | ND (0.0014)                                               | ND (0.0011)                                               | ND (0.0011)                                               |  |
| 1,2-Dichlorobenzene                                                                | 1.1                                                                      | 100                                                                  | 1.1                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 1,2-Dichloroethane                                                                 | 0.02                                                                     | 3.1                                                                  | 0.02                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00089)                                              | ND (0.001)                                                | ND (0.001)                                                | ND (0.00088)                                              | -                                                         | ND (0.001)                                                | ND (0.0011)                                               | -                                                         | ND (0.0014)                                               | ND (0.0011)                                               | ND (0.0011)                                               |  |
| 1,2-Dichloroethene (total)                                                         | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00089)                                              | ND (0.001)                                                | ND (0.001)                                                | ND (0.00088)                                              | -                                                         | ND (0.001)                                                | ND (0.0011)                                               | -                                                         | ND (0.0014)                                               | ND (0.0011)                                               | ND (0.0011)                                               |  |
| 1,2-Dichloropropane                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00089)                                              | ND (0.001)                                                | ND (0.001)                                                | ND (0.00088)                                              | -                                                         | ND (0.001)                                                | ND (0.0011)                                               | -                                                         | ND (0.0014)                                               | ND (0.0011)                                               | ND (0.0011)                                               |  |
| 1,3,5-Trimethylbenzene                                                             | 8.4                                                                      | 52                                                                   | 8.4                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 1,3-Dichlorobenzene                                                                | 2.4                                                                      | 49                                                                   | 2.4                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 1,3-Dichloropropane                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 1,3-Dichloropropene                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00044)                                              | ND (0.00052)                                              | ND (0.00053)                                              | ND (0.00044)                                              | -                                                         | ND (0.00052)                                              | ND (0.00054)                                              | -                                                         | ND (0.00072)                                              | ND (0.00056)                                              | ND (0.00054)                                              |  |
| 1,4-Dichlorobenzene                                                                | 1.8                                                                      | 13                                                                   | 1.8                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 1,4-Diethylbenzene                                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 1,4-Dioxane                                                                        | 0.1                                                                      | 13                                                                   | 0.1                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.071)                                                | ND (0.083)                                                | ND (0.084)                                                | ND (0.07)                                                 | -                                                         | ND (0.083)                                                | ND (0.087)                                                | -                                                         | ND (0.12)                                                 | ND (0.09)                                                 | ND (0.086)                                                |  |
| 2,2-Dichloropropane                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 2-Butanone (Methyl Ethyl Ketone)                                                   | 0.12                                                                     | 100                                                                  | 0.12                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0089)                                               | ND (0.01)                                                 | ND (0.01)                                                 | ND (0.0088)                                               | -                                                         | ND (0.01)                                                 | ND (0.011)                                                | -                                                         | ND (0.014)                                                | ND (0.011)                                                | ND (0.011)                                                |  |
| 2-Chlorotoluene                                                                    | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 2-Hexanone (Methyl Butyl Ketone)                                                   | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0089)                                               | ND (0.01)                                                 | ND (0.01)                                                 | ND (0.0088)                                               | -                                                         | ND (0.01)                                                 | ND (0.011)                                                | -                                                         | ND (0.014)                                                | ND (0.011)                                                | ND (0.011)                                                |  |
| 2-Phenylbutane (sec-Butylbenzene)                                                  | 11                                                                       | 100                                                                  | 11                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00089)                                              | ND (0.001)                                                | ND (0.001)                                                | ND (0.00088)                                              | -                                                         | ND (0.001)                                                | ND (0.0011)                                               | -                                                         | ND (0.0014)                                               | ND (0.0011)                                               | ND (0.0011)                                               |  |
| 4-Chlorotoluene                                                                    | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 4-Ethyltoluene (1-Ethyl-4-Methylbenzene)                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0089)                                               | ND (0.01)                                                 | ND (0.01)                                                 | ND (0.0088)                                               | -                                                         | ND (0.01)                                                 | ND (0.011)                                                | -                                                         | ND (0.014)                                                | ND (0.011)                                                | ND (0.011)                                                |  |
| Acetone                                                                            | 0.05                                                                     | 100                                                                  | 0.05                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0089)                                               | ND (0.01)                                                 | ND (0.01)                                                 | ND (0.0088)                                               | -                                                         | 0.007 J+                                                  | 0.0056 J+                                                 | -                                                         | ND (0.014)                                                | ND (0.011)                                                | ND (0.011)                                                |  |
| Acrylonitrile                                                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0035)                                               | ND (0.0041)                                               | ND (0.0042)                                               | ND (0.0035)                                               | -                                                         | ND (0.0041)                                               | ND (0.0044)                                               | -                                                         | ND (0.0058)                                               | ND (0.0045)                                               | ND (0.0043)                                               |  |
| Benzene                                                                            | 0.06                                                                     | 4.8                                                                  | 0.06                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00044)                                              | ND (0.00052)                                              | ND (0.00053)                                              | ND (0.00044)                                              | -                                                         | ND (0.00052)                                              | ND (0.00054)                                              | -                                                         | ND (0.00072)                                              | ND (0.00056)                                              | ND (0.00054)                                              |  |
| Bromobenzene                                                                       | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| Bromodichloromethane                                                               | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00044)                                              | ND (0.00052)                                              | ND (0.00053)                                              | ND (0.00044)                                              | -                                                         | ND (0.00052)                                              | ND (0.00054)                                              | -                                                         | ND (0.00072)                                              | ND (0.00056)                                              | ND (0.00054)                                              |  |
| Bromoform                                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0035)                                               | ND (0.0041)                                               | ND (0.0042)                                               | ND (0.0035)                                               | -                                                         | ND (0.0041)                                               | ND (0.0044)                                               | -                                                         | ND (0.0058)                                               | ND (0.0045)                                               | ND (0.0043)                                               |  |
| Bromomethane (Methyl Bromide)                                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0018)                                               | ND (0.0021)                                               | ND (0.0021)                                               | ND (0.0018)                                               | -                                                         | ND (0.0021)                                               | ND (0.0022)                                               | -                                                         | ND (0.0029)                                               | ND (0.0022)                                               | ND (0.0021)                                               |  |
| Carbon disulfide                                                                   | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0089)                                               | ND (0.01)                                                 | ND (0.01)                                                 | ND (0.0088)                                               | -                                                         | ND (0.01)                                                 | ND (0.011)                                                | -                                                         | ND (0.014)                                                | ND (0.011)                                                | ND (0.011)                                                |  |
| Carbon tetrachloride                                                               | 0.76                                                                     | 2.4                                                                  | 0.76                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00089)                                              | ND (                                                      |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |  |

TABLE 2  
SUMMARY OF SOIL QUALITY DATA  
828 METROPOLITAN AVENUE  
BROOKLYN, NY  
FILE NO. 0205563

| Location Name<br>Sample Name<br>Sample Date<br>Lab Sample ID<br>Sample Depth (bgs) | Action Level                                                             |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             | SRI-09                                                    | SRI-09                                                    | SRI-10                                                    | SRI-10                                                    | SRI-10                                                    | SRI-11                                                    | SRI-11                                                    | SRI-11                                                    | SRI-12                                                    | SRI-12                                                    | SRI-12                                                    |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
|                                                                                    | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater<br>Proposed PFAS | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives<br>Proposed PFAS | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives<br>Proposed PFAS | SRI-09_14-16<br>05/16/2023<br>L2327188-36<br>14 - 16 (ft) | SRI-09_20-22<br>05/16/2023<br>L2327188-37<br>20 - 22 (ft) | SRI-10_14-16<br>05/17/2023<br>L2327332-01<br>14 - 16 (ft) | SRI-10_20-22<br>05/17/2023<br>L2327332-02<br>20 - 22 (ft) | SRI-10_26-28<br>05/17/2023<br>L2327332-03<br>26 - 28 (ft) | SRI-11_14-16<br>05/17/2023<br>L2327332-04<br>14 - 16 (ft) | SRI-11_20-22<br>05/17/2023<br>L2327332-05<br>20 - 22 (ft) | SRI-11_26-28<br>05/17/2023<br>L2327332-06<br>26 - 28 (ft) | SRI-12_14-16<br>05/17/2023<br>L2327332-07<br>14 - 16 (ft) | SRI-12_20-22<br>05/17/2023<br>L2327332-08<br>20 - 22 (ft) | SRI-12_26-28<br>05/17/2023<br>L2327332-09<br>26 - 28 (ft) |
|                                                                                    | Semi-Volatile Organic Compounds (mg/kg)                                  |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |
|                                                                                    | 1,2,4,5-Tetrachlorobenzene                                               | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.18)                                                 | ND (0.18)                                                 | 0.026 J                                                   | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |
|                                                                                    | 1,2,4-Trichlorobenzene                                                   | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.18)                                                 | ND (0.18)                                                 | 0.024 J                                                   | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |
| 1,2-Dichlorobenzene                                                                | 1.1                                                                      | 100                                                                  | 1.1                                                        | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 1,3-Dichlorobenzene                                                                | 2.4                                                                      | 49                                                                   | 2.4                                                        | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 1,4-Dichlorobenzene                                                                | 1.8                                                                      | 13                                                                   | 1.8                                                        | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 1,4-Dioxane                                                                        | 0.1                                                                      | 13                                                                   | 0.1                                                        | NA                                                                                        | NA                                                                                    | ND (0.027)                                                                  | ND (0.028)                                                | ND (0.026)                                                | ND (0.026)                                                | ND (0.027)                                                | ND (0.026)                                                | ND (0.026)                                                | ND (0.026)                                                | ND (0.032)                                                | ND (0.031)                                                | ND (0.028)                                                |                                                           |
| 2,2'-oxybis(1-Chloropropane)                                                       | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.22)                                                                   | ND (0.22)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.22)                                                 | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.21)                                                 | ND (0.26)                                                 | ND (0.25)                                                 | ND (0.22)                                                 |                                                           |
| 2,4,5-Trichlorophenol                                                              | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 2,4,6-Trichlorophenol                                                              | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.11)                                                                   | ND (0.11)                                                 | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.11)                                                 | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.13)                                                 | ND (0.12)                                                 | ND (0.11)                                                 |                                                           |
| 2,4-Dichlorophenol                                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.16)                                                                   | ND (0.17)                                                 | ND (0.16)                                                 | ND (0.16)                                                 | ND (0.16)                                                 | ND (0.16)                                                 | ND (0.15)                                                 | ND (0.16)                                                 | ND (0.19)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |                                                           |
| 2,4-Dimethylphenol                                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 2,4-Dinitrophenol                                                                  | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.88)                                                                   | ND (0.88)                                                 | ND (0.83)                                                 | ND (0.83)                                                 | ND (0.87)                                                 | ND (0.84)                                                 | ND (0.82)                                                 | ND (0.84)                                                 | ND (1)                                                    | ND (0.99)                                                 | ND (0.9)                                                  |                                                           |
| 2,4-Dinitrotoluene                                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | 0.036 J                                                   | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 2,6-Dinitrotoluene                                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 2-Chloronaphthalene                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | 0.024 J                                                   | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 2-Chlorophenol                                                                     | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | 0.026 J                                                   | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 2-Methylnaphthalene                                                                | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.22)                                                                   | ND (0.22)                                                 | 0.024 J                                                   | ND (0.21)                                                 | 0.045 J                                                   | ND (0.21)                                                 | ND (0.2)                                                  | ND (0.21)                                                 | ND (0.26)                                                 | ND (0.25)                                                 | ND (0.22)                                                 |                                                           |
| 2-Methylphenol (o-Cresol)                                                          | 0.33                                                                     | 100                                                                  | 0.33                                                       | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | 0.027 J                                                   | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 2-Nitroaniline                                                                     | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 2-Nitrophenol                                                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.39)                                                                   | ND (0.4)                                                  | ND (0.37)                                                 | ND (0.37)                                                 | ND (0.39)                                                 | ND (0.38)                                                 | ND (0.37)                                                 | ND (0.38)                                                 | ND (0.46)                                                 | ND (0.44)                                                 | ND (0.4)                                                  |                                                           |
| 3&4-Methylphenol                                                                   | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.26)                                                                   | ND (0.26)                                                 | ND (0.25)                                                 | ND (0.25)                                                 | ND (0.26)                                                 | ND (0.25)                                                 | ND (0.24)                                                 | ND (0.25)                                                 | ND (0.31)                                                 | ND (0.3)                                                  | ND (0.27)                                                 |                                                           |
| 3,3'-Dichlorobenzidine                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 3-Nitroaniline                                                                     | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 4,6-Dinitro-2-methylphenol                                                         | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.47)                                                                   | ND (0.48)                                                 | ND (0.45)                                                 | ND (0.45)                                                 | ND (0.47)                                                 | ND (0.46)                                                 | ND (0.44)                                                 | ND (0.46)                                                 | ND (0.56)                                                 | ND (0.54)                                                 | ND (0.49)                                                 |                                                           |
| 4-Bromophenyl phenyl ether (BDE-3)                                                 | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 4-Chloro-3-methylphenol                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 4-Chloroaniline                                                                    | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | -                                                         | -                                                         | -                                                         | -                                                         | -                                                         | -                                                         | -                                                         | -                                                         | -                                                         |                                                           |
| 4-Chlorophenyl phenyl ether                                                        | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | 0.024 J                                                   | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 4-Nitroaniline                                                                     | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| 4-Nitrophenol                                                                      | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.26)                                                                   | ND (0.26)                                                 | ND (0.24)                                                 | ND (0.24)                                                 | ND (0.26)                                                 | ND (0.25)                                                 | ND (0.24)                                                 | ND (0.24)                                                 | ND (0.3)                                                  | ND (0.29)                                                 | ND (0.26)                                                 |                                                           |
| Acenaphthene                                                                       | 98                                                                       | 100                                                                  | 20                                                         | NA                                                                                        | NA                                                                                    | ND (0.14)                                                                   | ND (0.15)                                                 | 0.023 J                                                   | ND (0.14)                                                 | 0.021 J                                                   | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.17)                                                 | 0.045 J                                                   | ND (0.15)                                                 |                                                           |
| Acenaphthylene                                                                     | 107                                                                      | 100                                                                  | 100                                                        | NA                                                                                        | NA                                                                                    | ND (0.14)                                                                   | ND (0.15)                                                 | 0.028 J                                                   | ND (0.14)                                                 | 0.33                                                      | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.17)                                                 | 0.039 J                                                   | ND (0.15)                                                 |                                                           |
| Acetophenone                                                                       | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | 0.021 J                                                   | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| Anthracene                                                                         | 1000                                                                     | 100                                                                  | 100                                                        | NA                                                                                        | NA                                                                                    | ND (0.11)                                                                   | ND (0.11)                                                 | ND (0.1)                                                  | ND (0.1)                                                  | 0.22                                                      | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.13)                                                 | 0.18                                                      | ND (0.11)                                                 |                                                           |
| Benzo(a)anthracene                                                                 | 1                                                                        | 1                                                                    | 1                                                          | NA                                                                                        | NA                                                                                    | ND (0.11)                                                                   | ND (0.11)                                                 | 0.028 J                                                   | ND (0.1)                                                  | 0.8                                                       | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.1)                                                  | 0.12 J                                                    | 0.46                                                      | ND (0.11)                                                 |                                                           |
| Benzo(a)pyrene                                                                     | 22                                                                       | 1                                                                    | 1                                                          | NA                                                                                        | NA                                                                                    | ND (0.14)                                                                   | ND (0.15)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | 0.9                                                       | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | 0.1 J                                                     | 0.44                                                      | ND (0.15)                                                 |                                                           |
| Benzo(b)fluoranthene                                                               | 1.7                                                                      | 1                                                                    | 1                                                          | NA                                                                                        | NA                                                                                    | ND (0.11)                                                                   | ND (0.11)                                                 | ND (0.1)                                                  | ND (0.1)                                                  | 1.2                                                       | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.1)                                                  | 0.13                                                      | 0.52                                                      | ND (0.11)                                                 |                                                           |
| Benzo(g,h,i)perylene                                                               | 1000                                                                     | 100                                                                  | 100                                                        | NA                                                                                        | NA                                                                                    | ND (0.14)                                                                   | ND (0.15)                                                 | 0.025 J                                                   | ND (0.14)                                                 | 0.5                                                       | ND (0.14)                                                 | ND (0.14)                                                 | ND (0.14)                                                 | 0.064 J                                                   | 0.23                                                      | ND (0.15)                                                 |                                                           |
| Benzo(k)fluoranthene                                                               | 1.7                                                                      | 3.9                                                                  | 0.8                                                        | NA                                                                                        | NA                                                                                    | ND (0.11)                                                                   | ND (0.11)                                                 | 0.03 J                                                    | ND (0.1)                                                  | 0.44                                                      | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.1)                                                  | 0.04 J                                                    | 0.18                                                      | ND (0.11)                                                 |                                                           |
| Benzoic acid                                                                       | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.59)                                                                   | ND (0.6)                                                  | ND (0.56)                                                 | ND (0.56)                                                 | ND (0.59)                                                 | ND (0.57)                                                 | ND (0.55)                                                 | ND (0.57)                                                 | ND (0.7)                                                  | ND (0.67)                                                 | ND (0.6)                                                  |                                                           |
| Benzyl Alcohol                                                                     | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| Biphenyl                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.42)                                                                   | ND (0.42)                                                 | 0.026 J                                                   | ND (0.39)                                                 | ND (0.42)                                                 | ND (0.4)                                                  | ND (0.39)                                                 | ND (0.4)                                                  | ND (0.49)                                                 | ND (0.47)                                                 | ND (0.43)                                                 |                                                           |
| bis(2-Chloroethoxy)methane                                                         | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.2)                                                                    | ND (0.2)                                                  | 0.023 J                                                   | ND (0.19)                                                 | ND (0.2)                                                  | ND (0.19)                                                 | ND (0.18)                                                 | ND (0.19)                                                 | ND (0.23)                                                 | ND (0.22)                                                 | ND (0.2)                                                  |                                                           |
| bis(2-Chloroethyl)ether                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.16)                                                                   | ND (0.17)                                                 | ND (0.16)                                                 | ND (0.16)                                                 | ND (0.16)                                                 | ND (0.16)                                                 | ND (0.15)                                                 | ND (0.16)                                                 | ND (0.19)                                                 | ND (0.18)                                                 | ND (0.17)                                                 |                                                           |
| bis(2-Ethylhexyl)phthalate                                                         | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | 0.15 J                                                    | ND (0.19)                                                 |                                                           |
| Butyl benzylphthalate (BBP)                                                        | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | ND (0.21)                                                 | ND (0.19)                                                 |                                                           |
| Carbazole                                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | ND (0.18)                                                                   | ND (0.18)                                                 | 0.025 J                                                   | ND (0.17)                                                 | 0.18                                                      | ND (0.18)                                                 | ND (0.17)                                                 | ND (0.18)                                                 | ND (0.21)                                                 | 0.07 J                                                    | ND (0.19)                                                 |                                                           |
| Chrysene                                                                           | 1                                                                        | 3.9                                                                  | 1                                                          | NA                                                                                        | NA                                                                                    | ND (0.11)                                                                   | ND (0.11)                                                 | 0.027 J                                                   | ND (0.1)                                                  | 0.93                                                      | ND (0.1)                                                  | ND (0.1)                                                  | ND (0.1)                                                  | 0.11 J                                                    | 0.43                                                      | ND (0.11)                                                 |                                                           |
| Dibenz(a,h)anthracene                                                              | 1000                                                                     | 0.33                                                                 | 0.33                                                       | NA                                                                                        | NA                                                                                    | ND (0.11)                                                                   | ND (0.11)                                                 | 0.026 J                                                   | ND (0.1)                                                  | 0.14                                                      | ND (0.1)</                                                |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |

TABLE 2  
SUMMARY OF SOIL QUALITY DATA  
828 METROPOLITAN AVENUE  
BROOKLYN, NY  
FILE NO. 0205563

| Location Name<br>Sample Name<br>Sample Date<br>Lab Sample ID<br>Sample Depth (bgs) | Action Level                                                             |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             | SRI-09                                                    | SRI-09                                                    | SRI-10                                                    | SRI-10                                                    | SRI-10                                                    | SRI-11                                                    | SRI-11                                                    | SRI-11                                                    | SRI-12                                                    | SRI-12                                                    | SRI-12                                                    |  |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|--|
|                                                                                    | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives | Restricted Use Soil Cleanup<br>Objectives - Protection of<br>Groundwater<br>Proposed PFAS | NY Part 375<br>Restricted Residential Use<br>Soil Cleanup Objectives<br>Proposed PFAS | NY Part 375<br>Unrestricted Use<br>Soil Cleanup Objectives<br>Proposed PFAS | SRI-09_14-16<br>05/16/2023<br>L2327188-36<br>14 - 16 (ft) | SRI-09_20-22<br>05/16/2023<br>L2327188-37<br>20 - 22 (ft) | SRI-10_14-16<br>05/17/2023<br>L2327332-01<br>14 - 16 (ft) | SRI-10_20-22<br>05/17/2023<br>L2327332-02<br>20 - 22 (ft) | SRI-10_26-28<br>05/17/2023<br>L2327332-03<br>26 - 28 (ft) | SRI-11_14-16<br>05/17/2023<br>L2327332-04<br>14 - 16 (ft) | SRI-11_20-22<br>05/17/2023<br>L2327332-05<br>20 - 22 (ft) | SRI-11_26-28<br>05/17/2023<br>L2327332-06<br>26 - 28 (ft) | SRI-12_14-16<br>05/17/2023<br>L2327332-07<br>14 - 16 (ft) | SRI-12_20-22<br>05/17/2023<br>L2327332-08<br>20 - 22 (ft) | SRI-12_26-28<br>05/17/2023<br>L2327332-09<br>26 - 28 (ft) |  |
| Inorganic Compounds (mg/kg)                                                        |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |  |
| Aluminum                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 9030 J+                                                   | 5280 J+                                                   | 4170                                                      | 3080                                                      | 3560                                                      | 2110                                                      | 4030                                                      | 5530                                                      | 4970                                                      | 3720                                                      | 3030                                                      |  |
| Antimony                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (4.21)                                                 | ND (4.5)                                                  | ND (4.03)                                                 | ND (3.98)                                                 | ND (4.3)                                                  | ND (4.13)                                                 | ND (4.07)                                                 | ND (4.21)                                                 | ND (5.06)                                                 | ND (5)                                                    | ND (4.33)                                                 |  |
| Arsenic                                                                            | 16                                                                       | 16                                                                   | 13                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 2                                                         | 2.78                                                      | 2.09                                                      | 1.18                                                      | 2.2                                                       | 0.722 J                                                   | 1.17                                                      | 5.2                                                       | 2                                                         | 4.04                                                      | 1.14                                                      |  |
| Barium                                                                             | 820                                                                      | 400                                                                  | 350                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | 33.4                                                      | 42.7                                                      | 31.1                                                      | 20.7                                                      | 33.6                                                      | 15.4                                                      | 23.7                                                      | 19.5                                                      | 68.8                                                      | 26.9                                                      | 23.7                                                      |  |
| Beryllium                                                                          | 47                                                                       | 72                                                                   | 7.2                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | 0.399 J                                                   | 0.453                                                     | 0.323 J                                                   | 0.206 J                                                   | 0.22 J                                                    | 0.192 J                                                   | 0.301 J                                                   | 0.446                                                     | 0.299 J                                                   | 0.551                                                     | 0.243 J                                                   |  |
| Cadmium                                                                            | 7.5                                                                      | 4.3                                                                  | 2.5                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | 0.12 J                                                    | 0.135 J                                                   | 0.196 J                                                   | ND (0.796)                                                | 0.09 J                                                    | ND (0.826)                                                | ND (0.813)                                                | ND (0.841)                                                | 0.48 J                                                    | 0.127 J                                                   | ND (0.866)                                                |  |
| Calcium                                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 390                                                       | 1170                                                      | 2150                                                      | 1950                                                      | 6080                                                      | 823                                                       | 321                                                       | 711                                                       | 896                                                       | 792                                                       | 1020                                                      |  |
| Chromium                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 15.8                                                      | 22.3                                                      | 11.6                                                      | 12.1                                                      | 11.8                                                      | 6.19                                                      | 8.94                                                      | 15.1                                                      | 20.1                                                      | 14.1                                                      | 10.7                                                      |  |
| Cobalt                                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 5.22                                                      | 10                                                        | 3.46                                                      | 2.75                                                      | 2.78                                                      | 2.57                                                      | 3.4                                                       | 5.45                                                      | 3.94                                                      | 6.86                                                      | 4.86                                                      |  |
| Copper                                                                             | 1720                                                                     | 270                                                                  | 50                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 11.4                                                      | 15.9                                                      | 14.4                                                      | 8.67                                                      | 13.1                                                      | 10.7                                                      | 8.5                                                       | 19.5                                                      | 37.1                                                      | 16                                                        | 9.06                                                      |  |
| Iron                                                                               | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 22600 J-                                                  | 20800 J-                                                  | 13500                                                     | 8160                                                      | 8150                                                      | 9880                                                      | 8690                                                      | 12100                                                     | 14000                                                     | 26400                                                     | 11900                                                     |  |
| Lead                                                                               | 450                                                                      | 400                                                                  | 63                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 5.15 J+                                                   | 9.06 J+                                                   | 34.5                                                      | 14.9                                                      | 47.1                                                      | 2.19 J                                                    | 2.39 J                                                    | 9.4                                                       | 124                                                       | 28.3                                                      | 3.31 J                                                    |  |
| Magnesium                                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 1580                                                      | 1760                                                      | 1250                                                      | 1170                                                      | 1380                                                      | 1140                                                      | 1150                                                      | 1820                                                      | 1820                                                      | 1100                                                      | 1500                                                      |  |
| Manganese                                                                          | 2000                                                                     | 2000                                                                 | 1600                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | 432 J+                                                    | 369 J+                                                    | 288                                                       | 163                                                       | 195                                                       | 182                                                       | 254                                                       | 103                                                       | 232                                                       | 338                                                       | 225                                                       |  |
| Mercury                                                                            | 0.73                                                                     | 0.81                                                                 | 0.18                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.071)                                                | ND (0.073)                                                | 0.089                                                     | 0.047 J                                                   | 0.124                                                     | ND (0.077)                                                | ND (0.081)                                                | ND (0.082)                                                | 0.126                                                     | ND (0.083)                                                | ND (0.074)                                                |  |
| Nickel                                                                             | 130                                                                      | 310                                                                  | 30                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 9.76                                                      | 14.5                                                      | 7.55                                                      | 6.34                                                      | 8.12                                                      | 5.61                                                      | 7.25                                                      | 10.3                                                      | 10.7                                                      | 10.3                                                      | 10.3                                                      |  |
| Potassium                                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 554                                                       | 866                                                       | 360                                                       | 358                                                       | 363                                                       | 319                                                       | 262                                                       | 902                                                       | 721                                                       | 781                                                       | 592                                                       |  |
| Selenium                                                                           | 4                                                                        | 180                                                                  | 3.9                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (1.68)                                                 | ND (1.8)                                                  | ND (1.61)                                                 | ND (1.59)                                                 | ND (1.72)                                                 | ND (1.65)                                                 | ND (1.63)                                                 | ND (1.68)                                                 | ND (2.02)                                                 | ND (2)                                                    | ND (1.73)                                                 |  |
| Silver                                                                             | 8.3                                                                      | 180                                                                  | 2                                                          | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.421)                                                | ND (0.45)                                                 | ND (0.403)                                                | ND (0.398)                                                | ND (0.43)                                                 | ND (0.413)                                                | ND (0.407)                                                | ND (0.421)                                                | ND (0.506)                                                | ND (0.5)                                                  | ND (0.433)                                                |  |
| Sodium                                                                             | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 59.1 J                                                    | 91.1 J                                                    | ND (161)                                                  | ND (159)                                                  | ND (172)                                                  | ND (165)                                                  | ND (163)                                                  | ND (168)                                                  | ND (202)                                                  | ND (200)                                                  | ND (173)                                                  |  |
| Thallium                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 0.495 J                                                   | 0.509 J                                                   | 0.302 J                                                   | ND (1.59)                                                 | 0.289 J                                                   | ND (1.65)                                                 | ND (1.63)                                                 | 0.425 J                                                   | ND (2.02)                                                 | 0.516 J                                                   | 0.306 J                                                   |  |
| Vanadium                                                                           | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 26                                                        | 22.7                                                      | 15.6                                                      | 12                                                        | 12.5                                                      | 11.5                                                      | 15.6                                                      | 20.5                                                      | 24.6                                                      | 18.8                                                      | 13.4                                                      |  |
| Zinc                                                                               | 2480                                                                     | 10000                                                                | 109                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | 41.9                                                      | 46.1                                                      | 50.3                                                      | 19.3                                                      | 37.5                                                      | 13.1                                                      | 15.4                                                      | 33.9                                                      | 89                                                        | 38.5                                                      | 16.9                                                      |  |
| PCBs (mg/kg)                                                                       |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |  |
| Aroclor-1016 (PCB-1016)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0531)                                               | ND (0.0551)                                               | ND (0.0487)                                               | ND (0.0521)                                               | ND (0.0514)                                               | ND (0.052)                                                | ND (0.0507)                                               | ND (0.0508)                                               | ND (0.0621)                                               | ND (0.0618)                                               | ND (0.0538)                                               |  |
| Aroclor-1221 (PCB-1221)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0531)                                               | ND (0.0551)                                               | ND (0.0487)                                               | ND (0.0521)                                               | ND (0.0514)                                               | ND (0.052)                                                | ND (0.0507)                                               | ND (0.0508)                                               | ND (0.0621)                                               | ND (0.0618)                                               | ND (0.0538)                                               |  |
| Aroclor-1232 (PCB-1232)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0531)                                               | ND (0.0551)                                               | ND (0.0487)                                               | ND (0.0521)                                               | ND (0.0514)                                               | ND (0.052)                                                | ND (0.0507)                                               | ND (0.0508)                                               | ND (0.0621)                                               | ND (0.0618)                                               | ND (0.0538)                                               |  |
| Aroclor-1242 (PCB-1242)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0531)                                               | ND (0.0551)                                               | ND (0.0487)                                               | ND (0.0521)                                               | ND (0.0514)                                               | ND (0.052)                                                | ND (0.0507)                                               | ND (0.0508)                                               | ND (0.0621)                                               | ND (0.0618)                                               | ND (0.0538)                                               |  |
| Aroclor-1248 (PCB-1248)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0531)                                               | ND (0.0551)                                               | ND (0.0487)                                               | ND (0.0521)                                               | ND (0.0514)                                               | ND (0.052)                                                | ND (0.0507)                                               | ND (0.0508)                                               | ND (0.0621)                                               | ND (0.0618)                                               | ND (0.0538)                                               |  |
| Aroclor-1254 (PCB-1254)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0531)                                               | ND (0.0551)                                               | ND (0.0487)                                               | ND (0.0521)                                               | ND (0.0514)                                               | ND (0.052)                                                | ND (0.0507)                                               | ND (0.0508)                                               | ND (0.0621)                                               | ND (0.0618)                                               | ND (0.0538)                                               |  |
| Aroclor-1260 (PCB-1260)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0531)                                               | ND (0.0551)                                               | ND (0.0487)                                               | ND (0.0521)                                               | ND (0.0514)                                               | ND (0.052)                                                | ND (0.0507)                                               | ND (0.0508)                                               | ND (0.0621)                                               | ND (0.0618)                                               | ND (0.0538)                                               |  |
| Aroclor-1262 (PCB-1262)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0531)                                               | ND (0.0551)                                               | ND (0.0487)                                               | ND (0.0521)                                               | ND (0.0514)                                               | ND (0.052)                                                | ND (0.0507)                                               | ND (0.0508)                                               | ND (0.0621)                                               | ND (0.0618)                                               | ND (0.0538)                                               |  |
| Aroclor-1268 (PCB-1268)                                                            | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0531)                                               | ND (0.0551)                                               | ND (0.0487)                                               | ND (0.0521)                                               | ND (0.0514)                                               | ND (0.052)                                                | ND (0.0507)                                               | ND (0.0508)                                               | ND (0.0621)                                               | ND (0.0618)                                               | ND (0.0538)                                               |  |
| Polychlorinated biphenyls (PCBs)                                                   | 3.2                                                                      | 1                                                                    | 0.1                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0531)                                               | ND (0.0551)                                               | ND (0.0487)                                               | ND (0.0521)                                               | ND (0.0514)                                               | ND (0.052)                                                | ND (0.0507)                                               | ND (0.0508)                                               | ND (0.0621)                                               | ND (0.0618)                                               | ND (0.0538)                                               |  |
| Other                                                                              |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |  |
| Total Solids (%)                                                                   | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | 90.1                                                      | 87.5                                                      | 95.8                                                      | 95.5                                                      | 90                                                        | 92.4                                                      | 94.8                                                      | 94.1                                                      | 77                                                        | 79.8                                                      | 88.6                                                      |  |
| Pesticides (mg/kg)                                                                 |                                                                          |                                                                      |                                                            |                                                                                           |                                                                                       |                                                                             |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |  |
| 4,4'-DDD                                                                           | 14                                                                       | 13                                                                   | 0.0033                                                     | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00173)                                              | ND (0.00178)                                              | ND (0.00164)                                              | ND (0.00158)                                              | ND (0.00177)                                              | ND (0.00169)                                              | ND (0.00166)                                              | ND (0.00163)                                              | ND (0.00198)                                              | ND (0.002)                                                | ND (0.00175)                                              |  |
| 4,4'-DDE                                                                           | 17                                                                       | 8.9                                                                  | 0.0033                                                     | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00173)                                              | ND (0.00178)                                              | ND (0.00164)                                              | ND (0.00158)                                              | 0.000914 J                                                | ND (0.00169)                                              | ND (0.00166)                                              | ND (0.00163)                                              | 0.000818 J                                                | 0.00183 J                                                 | ND (0.00175)                                              |  |
| 4,4'-DDT                                                                           | 136                                                                      | 7.9                                                                  | 0.0033                                                     | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00173)                                              | ND (0.00178)                                              | ND (0.00164)                                              | ND (0.00158)                                              | 0.0032                                                    | ND (0.00169)                                              | ND (0.00166)                                              | ND (0.00163)                                              | ND (0.00198)                                              | 0.0041                                                    | ND (0.00175)                                              |  |
| Aldrin                                                                             | 0.19                                                                     | 0.097                                                                | 0.005                                                      | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00173)                                              | ND (0.00178)                                              | ND (0.00164)                                              | ND (0.00158)                                              | ND (0.00177)                                              | ND (0.00169)                                              | ND (0.00166)                                              | ND (0.00163)                                              | ND (0.00198)                                              | ND (0.002)                                                | ND (0.00175)                                              |  |
| alpha-BHC                                                                          | 0.02                                                                     | 0.48                                                                 | 0.02                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.000719)                                             | ND (0.000742)                                             | ND (0.000683)                                             | ND (0.000656)                                             | ND (0.000737)                                             | ND (0.000704)                                             | ND (0.000691)                                             | ND (0.000681)                                             | ND (0.000825)                                             | ND (0.000832)                                             | ND (0.00073)                                              |  |
| alpha-Chlordane (cis)                                                              | 2.9                                                                      | 4.2                                                                  | 0.094                                                      | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00216)                                              | ND (0.00222)                                              | ND (0.00205)                                              | ND (0.00197)                                              | 0.00186 J                                                 | ND (0.00211)                                              | ND (0.00207)                                              | ND (0.00204)                                              | ND (0.00248)                                              | ND (0.00249)                                              | ND (0.00219)                                              |  |
| beta-BHC                                                                           | 0.09                                                                     | 0.36                                                                 | 0.036                                                      | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00173)                                              | ND (0.00178)                                              | ND (0.00164)                                              | ND (0.00158)                                              | ND (0.00177)                                              | ND (0.00169)                                              | ND (0.00166)                                              | ND (0.00163)                                              | ND (0.00198)                                              | ND (0.002)                                                | ND (0.00175)                                              |  |
| Chlordane                                                                          | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.0144)                                               | ND (0.0148)                                               | ND (0.0137)                                               | ND (0.0131)                                               | ND (0.0147)                                               | ND (0.0141)                                               | ND (0.0138)                                               | ND (0.0136)                                               | ND (0.0165)                                               | ND (0.0166)                                               | ND (0.0146)                                               |  |
| delta-BHC                                                                          | 0.25                                                                     | 100                                                                  | 0.04                                                       | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00173)                                              | ND (0.00178)                                              | ND (0.00164)                                              | ND (0.00158)                                              | ND (0.00177)                                              | ND (0.00169)                                              | ND (0.00166)                                              | ND (0.00163)                                              | ND (0.00198)                                              | ND (0.002)                                                | ND (0.00175)                                              |  |
| Dieldrin                                                                           | 0.1                                                                      | 0.2                                                                  | 0.005                                                      | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00108)                                              | ND (0.00111)                                              | ND (0.00102)                                              | ND (0.000985)                                             | ND (0.0011)                                               | ND (0.00106)                                              | ND (0.00104)                                              | ND (0.00102)                                              | ND (0.00124)                                              | ND (0.00125)                                              | ND (0.0011)                                               |  |
| Endosulfan I                                                                       | 102                                                                      | 24                                                                   | 2.4                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00173)                                              | ND (0.00178)                                              | ND (0.00164)                                              | ND (0.00158)                                              | ND (0.00177)                                              | ND (0.00169)                                              | ND (0.00166)                                              | ND (0.00163)                                              | ND (0.00198)                                              | ND (0.002)                                                | ND (0.00175)                                              |  |
| Endosulfan II                                                                      | 102                                                                      | 24                                                                   | 2.4                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00173)                                              | ND (0.00178)                                              | ND (0.00164)                                              | ND (0.00158)                                              | ND (0.00177)                                              | ND (0.00169)                                              | ND (0.00166)                                              | ND (0.00163)                                              | ND (0.00198)                                              | ND (0.002)                                                | ND (0.00175)                                              |  |
| Endosulfan sulfate                                                                 | 1000                                                                     | 24                                                                   | 2.4                                                        | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.000719)                                             | ND (0.000742)                                             | ND (0.000683)                                             | ND (0.000656)                                             | ND (0.000737)                                             | ND (0.000704)                                             | ND (0.000691)                                             | ND (0.000681)                                             | ND (0.000825)                                             | ND (0.000832)                                             | ND (0.00073)                                              |  |
| Endrin                                                                             | 0.06                                                                     | 11                                                                   | 0.014                                                      | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.000719)                                             | ND (0.000742)                                             | ND (0.000683)                                             | ND (0.000656)                                             | ND (0.000737)                                             | ND (0.000704)                                             | ND (0.000691)                                             | ND (0.000681)                                             | ND (0.000825)                                             | ND (0.000832)                                             | ND (0.00073)                                              |  |
| Endrin aldehyde                                                                    | NA                                                                       | NA                                                                   | NA                                                         | NA                                                                                        | NA                                                                                    | NA                                                                          | ND (0.00216)                                              | ND (0.00222)                                              | ND (0.00205)                                              | ND (0.00197)                                              | ND (0.00221)                                              | ND (0.00211)                                              | ND (0.00207)                                              | ND (0.00204)                                              | ND (0.00248)                                              | ND (0.00249)                                              |                                                           |  |

| Location Name<br>Sample Name<br>Sample Date<br>Lab Sample ID<br>Sample Depth (bgs) | Action Level                                                       |                                                                |                                                      |                                                                                  |                                                                              |                                                                    | SRI-09                                                    | SRI-09                                                    | SRI-10                                                    | SRI-10                                                    | SRI-10                                                    | SRI-11                                                    | SRI-11                                                    | SRI-11                                                    | SRI-12                                                    | SRI-12                                                    | SRI-12                                                    |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
|                                                                                    | Restricted Use Soil Cleanup Objectives - Protection of Groundwater | NY Part 375 Restricted Residential Use Soil Cleanup Objectives | NY Part 375 Unrestricted Use Soil Cleanup Objectives | Restricted Use Soil Cleanup Objectives - Protection of Groundwater Proposed PFAS | NY Part 375 Restricted Residential Use Soil Cleanup Objectives Proposed PFAS | NY Part 375 Unrestricted Use Soil Cleanup Objectives Proposed PFAS | SRI-09_14-16<br>05/16/2023<br>L2327188-36<br>14 - 16 (ft) | SRI-09_20-22<br>05/16/2023<br>L2327188-37<br>20 - 22 (ft) | SRI-10_14-16<br>05/17/2023<br>L2327332-01<br>14 - 16 (ft) | SRI-10_20-22<br>05/17/2023<br>L2327332-02<br>20 - 22 (ft) | SRI-10_26-28<br>05/17/2023<br>L2327332-03<br>26 - 28 (ft) | SRI-11_14-16<br>05/17/2023<br>L2327332-04<br>14 - 16 (ft) | SRI-11_20-22<br>05/17/2023<br>L2327332-05<br>20 - 22 (ft) | SRI-11_26-28<br>05/17/2023<br>L2327332-06<br>26 - 28 (ft) | SRI-12_14-16<br>05/17/2023<br>L2327332-07<br>14 - 16 (ft) | SRI-12_20-22<br>05/17/2023<br>L2327332-08<br>20 - 22 (ft) | SRI-12_26-28<br>05/17/2023<br>L2327332-09<br>26 - 28 (ft) |
| PFAS (ng/g)                                                                        |                                                                    |                                                                |                                                      |                                                                                  |                                                                              |                                                                    |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |                                                           |
| 6:2 Fluorotelomer sulfonic acid (6:2 FTS)                                          | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.784)                                                | ND (0.796)                                                | ND (0.794)                                                | ND (0.781)                                                | ND (0.751)                                                | ND (0.765)                                                | ND (0.784)                                                | ND (0.783)                                                | ND (0.793)                                                | ND (0.733)                                                | ND (0.781)                                                |
| 8:2 Fluorotelomer sulfonic acid (8:2 FTS)                                          | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.784)                                                | ND (0.796)                                                | ND (0.794)                                                | ND (0.781)                                                | ND (0.751)                                                | ND (0.765)                                                | ND (0.784)                                                | ND (0.783)                                                | ND (0.793)                                                | ND (0.733)                                                | ND (0.781)                                                |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NETFOSAA)                           | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (MeFOSAA)                           | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| Perfluorobutanesulfonic acid (PFBS)                                                | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| Perfluorobutanoic acid (PFBA)                                                      | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.784)                                                | ND (0.796)                                                | ND (0.794)                                                | ND (0.781)                                                | ND (0.751)                                                | ND (0.765)                                                | ND (0.784)                                                | ND (0.783)                                                | ND (0.793)                                                | ND (0.733)                                                | ND (0.781)                                                |
| Perfluorodecanesulfonic acid (PFDS)                                                | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| Perfluorodecanoic acid (PFDA)                                                      | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| Perfluorododecanoic acid (PFDoDA)                                                  | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| Perfluoroheptanesulfonic acid (PFHpS)                                              | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| Perfluoroheptanoic acid (PFHpA)                                                    | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| Perfluorohexanesulfonic acid (PFHxS)                                               | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| Perfluorohexanoic acid (PFHxA)                                                     | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| Perfluorononanoic acid (PFNA)                                                      | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| Perfluorooctane sulfonamide (PFOSA)                                                | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| Perfluorooctanesulfonic acid (PFOS)                                                | NA                                                                 | NA                                                             | NA                                                   | 1                                                                                | 44                                                                           | 0.88                                                               | 0.094 J                                                   | 0.096 J                                                   | ND (0.198)                                                | 0.102 J                                                   | 0.098 J                                                   | 0.482                                                     | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| Perfluorooctanoic acid (PFOA)                                                      | NA                                                                 | NA                                                             | NA                                                   | 0.8                                                                              | 33                                                                           | 0.66                                                               | 0.078 J                                                   | 0.064 J                                                   | ND (0.198)                                                | 0.258                                                     | 0.18 J                                                    | ND (0.191)                                                | ND (0.196)                                                | 0.07 J                                                    | 0.063 J                                                   | ND (0.183)                                                | ND (0.195)                                                |
| Perfluoropentanoic acid (PFPeA)                                                    | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.392)                                                | ND (0.398)                                                | ND (0.397)                                                | ND (0.391)                                                | ND (0.375)                                                | ND (0.382)                                                | ND (0.392)                                                | ND (0.391)                                                | ND (0.396)                                                | ND (0.366)                                                | ND (0.39)                                                 |
| Perfluorotetradecanoic acid (PFTeDA)                                               | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| Perfluorotridecanoic acid (PFTrDA)                                                 | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| Perfluoroundecanoic acid (PFUnDA)                                                  | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | ND (0.196)                                                | ND (0.199)                                                | ND (0.198)                                                | ND (0.195)                                                | ND (0.188)                                                | ND (0.191)                                                | ND (0.196)                                                | ND (0.196)                                                | ND (0.198)                                                | ND (0.183)                                                | ND (0.195)                                                |
| US EPA PFAS (PFOS + PFOA)                                                          | NA                                                                 | NA                                                             | NA                                                   | NA                                                                               | NA                                                                           | NA                                                                 | 0.173 J                                                   | 0.159 J                                                   | ND (0.198)                                                | 0.36 J                                                    | 0.278 J                                                   | 0.482                                                     | ND (0.196)                                                | 0.07 J                                                    | 0.063 J                                                   | ND (0.183)                                                | ND (0.195)                                                |

**ABBREVIATIONS AND NOTES:**  
mg/kg: milligram per kilogram  
ng/g: nanogram per gram  
  
-: Not Analyzed  
bgs: below ground surface  
CVOCs: Chlorinated volatile organic compounds  
ft: feet  
J: Value is estimated.  
J-: Value is estimated, low bias.  
J+: Value is estimated, high bias.  
NA: Not Applicable  
ND (2.5): Not detected, number in parentheses is the laboratory reporting limit  
  
- For test methods used, see the laboratory data sheets.  
- Soil analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO), Restricted-Use Residential SCOs, and Protection of Groundwater SCO's.  
- **Bold italic** values indicate an exceedance of the Protection of Groundwater Criteria.  
- Grey shading indicates an exceedance of the Unrestricted Use Soil Cleanup Objectives.  
- **Yellow shading indicates an exceedance of the Restricted Use Residential Soil Cleanup Objectives.**  
- SUM of CVOCs includes the following compounds: carbon tetrachloride, 1,1-dichloroethene, cis-1,2-dichloroethene, trichloroethene, methylene chloride, tetrachloroethene, 1,1,1-trichloroethane, vinyl chloride

## FIGURES





GIS: \\haleyaldrich.com\share\CF\Projects\0205563\GIS\Map\2023\_03\_RIR\205563\_001\_0001\_PROJECT\_LOCUS.mxd - khansen - 4/28/2022 2:08:34 PM



MAP SOURCE: USGS  
SITE COORDINATES: 40°42'52"N, 73°56'29"W

**HALEY  
ALDRICH**

828 METROPOLITAN AVENUE REDEVELOPMENT SITE  
808-834 METROPOLITAN AVENUE  
BROOKLYN, NEW YORK

## PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT  
MAY 2023

**FIGURE 1**



GIS: \\haleyaldrich.com\share\CP\Projects\0205563\GIS\Maps\2023\_03\_RIR\0205563\_001\_0002\_SITE\_MAP.mxd - khensen - 3/16/2023 12:49:00 PM

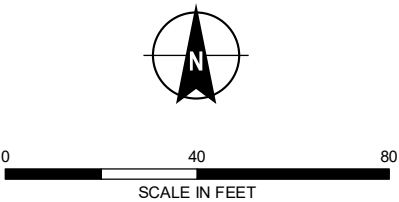


**LEGEND**

SITE BOUNDARY

PARCEL BOUNDARY

- NOTES**
- 1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
  - 2. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
  - 3. AERIAL IMAGERY SOURCE: NEARMAP, 27 SEPTEMBER 2022



**HALEY  
ALDRICH** 828 METROPOLITAN AVENUE REDEVELOPMENT SITE  
808-834 METROPOLITAN AVENUE  
BROOKLYN, NEW YORK

SITE MAP

MAY 2023

FIGURE 2



GIS: \\haleyaldrich\share\CF\Projects\2024\2023\GIS\Maps\2022\_02\2024\2023\_000\_0002\_SITE\_PLAN.mxd - khalibol - 4/28/2022 2:25:27 PM



**LEGEND**

- UNDERGROUND STORAGE TANK
- BLOCK 2916 SITE BOUNDARY
- PARCEL BOUNDARY
- WORK AREA BOUNDARY
- SOIL BORING LOCATION

**NOTES**

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 19 OCTOBER 2021

**HALEY  
ALDRICH**

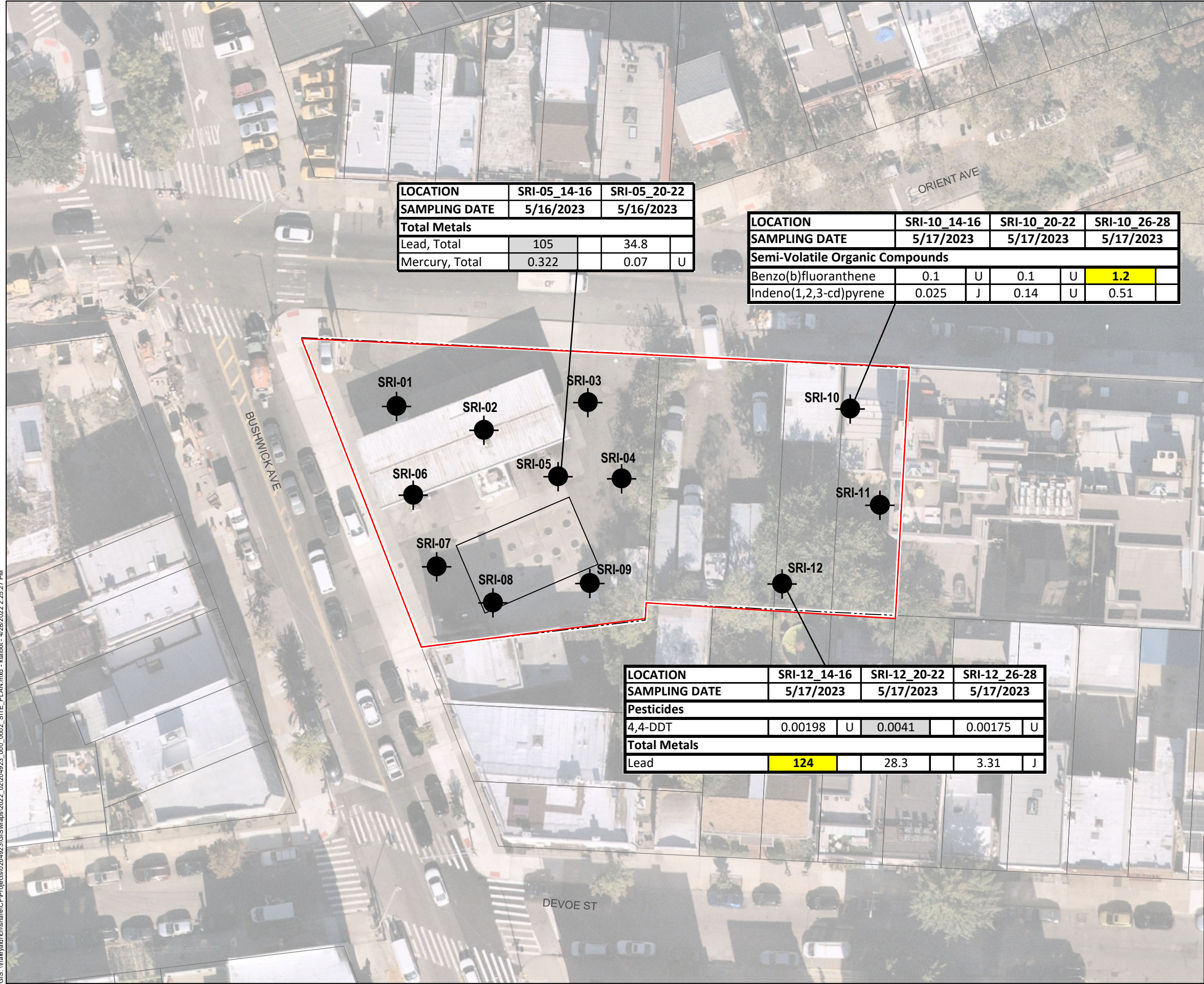
828 METROPOLITAN AVENUE REDEVELOPMENT SITE  
808-834 METROPOLITAN AVENUE  
BROOKLYN, NEW YORK

SAMPLE LOCATION MAP

MAY 2023

FIGURE 3





| LOCATION       | SRI-05_14-16 |  | SRI-05_20-22 |   |
|----------------|--------------|--|--------------|---|
| SAMPLING DATE  | 5/16/2023    |  | 5/16/2023    |   |
| Total Metals   |              |  |              |   |
| Lead, Total    | 105          |  | 34.8         |   |
| Mercury, Total | 0.322        |  | 0.07         | U |

| LOCATION                        | SRI-10_14-16 |   | SRI-10_20-22 |   | SRI-10_26-28 |  |
|---------------------------------|--------------|---|--------------|---|--------------|--|
| SAMPLING DATE                   | 5/17/2023    |   | 5/17/2023    |   | 5/17/2023    |  |
| Semi-Volatile Organic Compounds |              |   |              |   |              |  |
| Benzo(b)fluoranthene            | 0.1          | U | 0.1          | U | 1.2          |  |
| Indeno(1,2,3-cd)pyrene          | 0.025        | J | 0.14         | U | 0.51         |  |

| LOCATION      | SRI-12_14-16 |   |        | SRI-12_20-22 |         | SRI-12_26-28 |  |
|---------------|--------------|---|--------|--------------|---------|--------------|--|
| SAMPLING DATE | 5/17/2023    |   |        | 5/17/2023    |         | 5/17/2023    |  |
| Pesticides    |              |   |        |              |         |              |  |
| 4,4-DDT       | 0.00198      | U | 0.0041 |              | 0.00175 | U            |  |
| Total Metals  |              |   |        |              |         |              |  |
| Lead          | 124          |   | 28.3   |              | 3.31    | J            |  |

**LEGEND**

UNDERGROUND STORAGE TANK

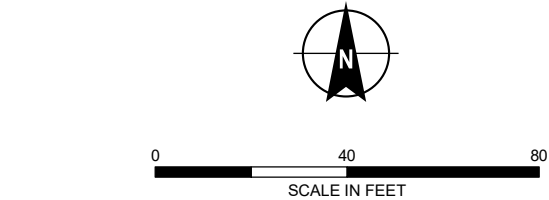
BLOCK 2916 SITE BOUNDARY

PARCEL BOUNDARY

WORK AREA BOUNDARY

SOIL BORING LOCATION

- NOTES**
1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
  2. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
  3. AERIAL IMAGERY SOURCE: NEARMAP, 19 OCTOBER 2021
  4. SOIL ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TITLE 6 OF THE OFFICIAL COMPILATION OF NEW YORK CODES, RULES, AND REGULATIONS (NYCRR) PART 375 UNRESTRICTED USE SOIL CLEANUP OBJECTIVES (UUSCOs), RESTRICTED-RESIDENTIAL SCOS (RRSCOs), AND PROTECTION OF GROUNDWATER CRITERIA (PGWSCOs).
  5. EXCEEDANCES OF THE UUSCOs ARE SHADED GRAY
  6. EXCEEDANCES OF THE RRSCOs ARE SHADED YELLOW
  7. EXCEEDANCES OF THE PGWSCOs ARE BOLDED
  6. RESULTS IN MILLIGRAMS PER KILOGRAM (mg/kg)



**HALEY ALDRICH** 828 METROPOLITAN AVENUE REDEVELOPMENT SITE  
808-834 METROPOLITAN AVENUE  
BROOKLYN, NEW YORK

SOIL RESULTS EXCEEDANCE MAP



**APPENDIX A**  
**Supplemental Remedial Investigation Work Plan**

SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN  
828 METROPOLITAN AVENUE REDEVELOPMENT SITE  
NYSDEC BCP SITE C224369  
808-834 METROPOLITAN AVENUE  
BROOKLYN, NEW YORK

by Haley & Aldrich of New York  
New York, New York

for  
Upton Metropolitan LLC and 808 Metropolitan Realty LLC  
4403 15<sup>th</sup> Avenue, Suite 137  
Brooklyn, New York

File No. 0205563



HALEY & ALDRICH OF NEW YORK  
237 W 35<sup>th</sup> Street  
16<sup>th</sup> Floor  
New York, NY 10123  
646.277.5686

11 May 2023  
File No. 0205563

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

Attention: Ms. Kati Lilioia

Subject: Supplemental Remedial Investigation Work Plan  
828 Metropolitan Avenue Redevelopment Site  
NYSDEC BCP Site C224369  
828 Metropolitan Avenue  
Brooklyn, New York

Dear Ms. Lilioia,

On behalf of Upton Metropolitan LLC (Upton) and 808 Metropolitan Realty LLC (808 Metropolitan), Haley & Aldrich of New York is submitting for the review and approval of the New York State Department of Environmental Conservation (NYSDEC) this draft Supplemental Remedial Investigation Work Plan (SRIWP) for the above referenced subject site (Site). This SRIWP has been developed based on the NYSDEC's "Technical Guidance for Site Investigation and Remediation" (DER-10, dated May 2010).

Please do not hesitate to contact us if there are any questions regarding this submittal or any other aspects of the project.

Sincerely yours,  
HALEY & ALDRICH OF NEW YORK

A handwritten signature in blue ink that reads "James M. Bellew".

James M. Bellew  
Principal

A handwritten signature in blue ink that reads "Suzanne M. Bell".

Suzanne M. Bell, P.E.  
Senior Project Manager

Cc:  
Konstantin Gubareff (Upton Metropolitan LLC)

Email: [konstantin@prospectdg.com](mailto:konstantin@prospectdg.com)

## **Certification**

*This report details proposed supplemental investigation activities to be conducted at the 828 Metropolitan Avenue Redevelopment BCP Site C224369.*

*I, James Bellew, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Supplemental Investigation Work Plan was prepared in accordance with all statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan(s) and any DER-approved modifications.*

  
James Bellew

11 May 2023

Date

|                                                 |            |
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## 1. Introduction and Purpose

On behalf of Upton Metropolitan LLC and 808 Metropolitan Realty LLC (the Volunteer), Haley & Aldrich of New York (Haley & Aldrich) has prepared this Supplemental Remedial Investigation Work Plan (SRIWP) for the 828 Metropolitan Avenue Redevelopment Site, BCP Site C224369, located at 808-834 Metropolitan Avenue (the “Site”, see Figure 1) in Brooklyn, NY (Site). This SRIWP is being submitted to obtain additional supplemental data for verifying the extent/depth of volatile organic compound (VOC) contamination at the Site. This SRIWP was prepared in accordance with the regulations and guidance applicable to the BCP, including, without limitation, DER-10 which is entitled “Technical Guidance for Site Investigation and Remediation” and dated May 2010 (DER-10).

The Site is located in the East Williamsburg neighborhood of Brooklyn and is identified as Block 2916, Brooklyn Block 2916, Lot 14 (previously Lots 8, 14, 16 and 17). The Site is approximately 22,625-square-feet (sq ft) and is bound by Metropolitan Avenue to the north, residential developments located at 15 Bushwick Avenue to the south, a four-story residential building at 850 Metropolitan Avenue to the east, and Bushwick Avenue to the west. The NYC Transit Authority underground “L” train line runs parallel to the Site beneath Bushwick Avenue to the west. The Project Locus is shown on Figure 1, and existing Site features are displayed on the Site Map provided as Figure 2.

The Site is located in an urban area surrounded by commercial, industrial and transportation properties served by municipal water. The Volunteer plans to redevelop the Site for mixed-use commercial and residential purposes (including affordable housing) consistent with current zoning.

## **2. Background**

### **2.1 CURRENT LAND USE**

The Site is currently vacant and was most recently operated as an active Speedway gasoline filling station (Former Lot 8), parking (Lot 14) and multifamily residential buildings (Former Lots 16 & 17). The Site is currently vacant and improved with a one-story former retail kiosk, former pump island with overhead canopy, underground storage tank (UST) field, and an electrical and water supply utility structure (western portion), and a vacant three-story residential structure (eastern portion). The 3-story residential building on former Lot 16 was demolished in April 2022.

### **2.2 SITE HISTORY**

Based on the findings of the Phase I ESA dated 10 February 2022, the Site was occupied by multiple tax lots and improved with several multi-story commercial and residential buildings as early as 1933 until the mid-1960s, when the former structures on the western half of the Site were razed, and the western half of the Site was utilized for parking and used car sales with a single-story commercial building. A two-story mixed-use building on lot 14 and a three-story residential building on lot 16 on the eastern half of the Site were developed as early as 1910 and remained unchanged until demolition of two residential buildings in 2022. By the late 1970s, various tax lots were consolidated into one tax lot at the eastern portion of the Site, and it was occupied by a gasoline filling station. The western portion of the Site was partially developed with a single-story shed and overhead canopy for a petroleum filling station with a small single-story commercial service structure. The petroleum filling station at the western portion of the Site with a commercial convenience store was active from the late 1970s until April 2022.

### **2.3 SURROUNDING LAND USE**

The Site is located on the south corner of the intersection of Bushwick Avenue and Metropolitan Avenue in an urban area identified as the Williamsburg neighborhood in the Borough of Brooklyn. There are two sensitive receptors that are within a 500 ft radius of the Site. The following sensitive receptors can be found below and are shown in Figure 3:

- 1) Cay Community Services Center, 65 Maspeth Ave, Brooklyn, New York, 11211, listed as an adult education center
- 2) St Francis of Paola, 201 Conselyea St, Brooklyn, New York, 11211, listed as a preschool

Properties immediately surrounding the Site are within the recently approved Gowanus Neighborhood Plan (rezoning) and are now zoned for residential, commercial and transportation use.

### **2.4 SURROUNDING LAND USE HISTORY**

The area surrounding the Site was historically used for dwellings and stores purposes from the late 1800s through the early 1930s. Until the early 2000s, the area to the south of the Site was historically developed as filling stations and auto repair facilities after which it was developed with commercial use

buildings. The area to the west was developed with auto garages and some light manufacturing through the 1970s. The vast majority of the surrounding area is now developed with dwellings and commercial use properties.

## 2.5 PREVIOUS INVESTIGATIONS

To date the following investigations have been performed at the Site:

1. May 1998 Underground Storage Tank Closure Report, prepared by Groundwater & Environmental Services, Inc.
2. February 2001 Computerized Environmental Report, prepared by Toxics Targeting, Inc.
3. December 2005 Remedial Action Plan, prepared by Amerada Hess Corporation
4. July 2009 Remediation Investigation Work Plan, prepared by EnviroTrac Ltd.
5. June 2012 Spill Closure Request – Spill #95-02757, prepared by EnviroTrac Ltd.
6. April 2013 Quarterly Update Report, prepared by EnviroTrac Ltd.
7. May 2013 Spill Closure Notice – Spill #95-02757, prepared by NYSDEC
8. July 2015 Phase I Environmental Site Assessment, prepared by EBI Consulting
9. February 2019 Soil Sampling & Well Installation Work Plan, prepared by Environmental Assessment & Remediations
10. July 2019 Phase I Environmental Site Assessment, prepared by Environmental Studies Corporation
11. February 2022 Phase II Investigation Work Plan, prepared by Haley & Aldrich
12. March 2022 Phase I Environmental Site Assessment, prepared by Haley & Aldrich
13. April 2022 Remedial Investigation Report, prepared by Haley & Aldrich
14. March 2022 Remedial Investigation Report, prepared by Concave Consulting
15. March 2023 Draft Remedial Investigation Report, prepared by Haley & Aldrich

Prior investigation findings are included in Appendix A of the Remedial Investigation Work Plan (RIWP) dated 14 February 2023 and in the Draft RIR dated 24 March 2023, both, prepared by Haley & Aldrich.. A summary of environmental findings of these investigations is provided below.

### ***May 1998 Phase Underground Storage Tank Closure Report Prepared by Groundwater & Environmental Services, Inc.***

In this report, on behalf of Merit Oil of New York, Inc., Groundwater & Environmental Services, Inc. summarizes the field activities and findings related to the removal of three 4,000-gallon and two 2,000-gallon gasoline underground storage tanks (USTs), one 550-gallon wastewater UST and one 4,000-gallon diesel UST from the subject site. All tanks were found to be intact with no corrosion, pitting, holes or perforations. After the USTs were inspected the ends were cut off, the tanks and appurtenances were cleaned and loaded onto trucks for off-site disposal. A total of 325 gallons of tank bottom sludges were removed from the tank bottoms and 897 tons of partially contaminated soil was excavated and removed from the subject site during the tank decommissioning.

Soil samples were collected at the base and sidewalls of the tank excavations, from the dispenser island excavation and the remote fill excavation. Soil samples were compared to the following Toxicity Characteristic Leaching Procedure (TCLP) Alternative Guidance Values, which were established for the subject site: benzene 14 parts per billion (ppb); toluene 100ppb; ethylbenzene 100 ppb; xylenes 100 ppb; and, methyl tert-butyl ether (MTBE) 1,000 ppb. Two of the 18 post-excavation soil samples collected from

the former gasoline UST excavation and three of the five collected from the dispenser island excavation exceeded the above-referenced guidance values. In June 1995, Spill #95-02757 was reported to the NYSDEC as a result of the contamination encountered during this investigation.

***February 2001 Computerized Environmental Report***

***Prepared by Toxics Targeting, Inc.***

This report combines environmental database searches, extensive regulatory analysis and sophisticated mapping techniques to produce a Computerized Environmental Report. Similar to the regulatory database report generated by EDR, this computerized environmental report provides a list of sites within a defined search radius that are identified in environmental databases and have the potential to impact the subject site. This report identifies the subject site as well as several adjacent/nearby properties as potentially toxic sites. The information provided in this report is consistent with the information provided in the regulatory database report which is discussed in Section 5.3.

***December 2005 Remedial Action Plan***

***Prepared by Amerada Hess Corporation***

EnviroTrac Ltd. submitted this RAP to address Spill # 9502757 and discuss the air sparge (AS)/soil vapor extraction (SVE) system and installation of Oxygen Release Compound (ORC) in on-site monitoring wells designed to remediate impacted soil and groundwater at the Site. The work plan included the installation of two AS wells and one SVE well. Following the AS/SVE well installation, extended period AS/SVE events would be performed weekly on the newly installed remediation wells, ORC socks would be installed in two monitoring wells (MW-2 and MW-4), and finally, the collection of groundwater samples for laboratory analysis due to BTEX/MTBE compounds being detected above the regulatory criteria at three of the existing groundwater monitoring wells as well as gauging, on a tri-annual basis of five existing monitoring wells.

***July 2009 Remedial Investigation Work Plan***

***Prepared by EnviroTrac Ltd.***

EnviroTrac Ltd. submitted this work plan to the NYSDEC to remediate contamination that was encountered during tank removal activities at the Site. The NYSDEC approved work included three extended period SVE/AS events in the vicinity of MW-4 and the installation of ORC socks in MW-2 and MW-4. Two AS wells and one SVE well were installed in the vicinity of MW-4 in preparation for the pilot test events. The work plan recommended advancement and continuous sampling of four soil borings on the subject site to confirm the absence of presence of petroleum impacts. Subsequent to boring advancement, four monitoring wells would be installed to 30 ft bgs.

***June 2012 Spill Closure Request – Spill #95-02757***

***Prepared by EnviroTrac Ltd.***

EnviroTrac Ltd. submitted this report to the NYSDEC to document the Site's history and to request closure of Spill # 9502757. This report summarizes the tank closure activities and end-point soil sampling conducted at the Site in June 1995, as well as the subsequent soil and groundwater investigation conducted in accordance with the NYSDEC-approved RAP.

The closure of this spill was requested based on the consistent downward trend of MTBE and BTEX concentrations in groundwater from 1999 to May 2012, monitoring of natural attenuation, a decrease in groundwater concentrations as a results SVE/AS short-term remediation events, soil sampling data

collected in October 2009 and in May 2012 which showed impacts below NYSDEC cleanup standards, and a lack of sensitive receptors.

***April 2013 Quarterly Update Report***

***Prepared by EnviroTrac Ltd.***

This report summarizes the gauging and sampling of eight on-site monitoring wells conducted at the Site in April 2013. The report indicates maximum concentrations detected in groundwater during this reporting period for benzene (2.1 micrograms per liter [ug/L]) and methyl tert-butyl ether (MTBE) (12.1 ug/L). As part of this report, Hess and EnviroTrac Ltd. requested closure of Spill #9502757 for this Site. Until closure was granted, Hess would continue groundwater monitoring and sampling on a quarterly schedule, with the next sampling event scheduled in May 2013.

***May 2013 Spill Closure Notice – Spill #95-02757***

***Prepared by NYSDEC***

This report documents the regulatory closure of Spill #9502757. Per the NYSDEC record, Spill #9502757 was closed on 6 May 2013.

***July 2015 Phase I Environmental Site Assessment***

***Prepared by EBI Consulting***

EBI Consulting prepared a Phase I ESA on behalf of Mr. Zois Sachtouris for the site located at 824 Metropolitan Avenue, Brooklyn, New York (Block 2916, Lot 14) for the purpose of identifying RECs in connection with the site. At the time of the site reconnaissance on July 27, 2015, the site was vacant.

The Phase I ESA did not identify any RECs in connection with the subject site, but identified two Di Minimis conditions, including the presence of a gasoline filling station adjacent to the subject site and the presence of debris and solid waste. During the subject site reconnaissance, plywood, toilets, bathtubs, tires and various debris was observed at the site.

***February 2019 Soil Sampling & Well Installation Work Plan***

***Prepared by Environmental Assessment & Remediations***

Environmental Assessment & Remediations' Soil Sampling & Well Installation Work Plan dated February 2019 included the following scope of work:

- 14 temporary borings to investigate the subsurface conditions associated with Spill #1811154.
- The installation and sampling of 14 monitoring wells at each soil boring location; and,
- A summary report of all site-related activities would be prepared following the completion of the work.

Spill #1811154 was called in due to an unknown petroleum product entering the L-Train Subway Tunnel. This scope was developed to determine the source of the contamination.

***July 2019 Phase I Environmental Site Assessment***

***Prepared by Environmental Studies Corporation***

Environmental Studies Corporation prepared a Phase I ESA on behalf of 824 Metropolitan Avenue Owner LLC for the site located at 824 and 832 Metropolitan Avenue, Brooklyn, New York (Block 2916, Lots 14 and 16) for the purpose of identifying RECs in connection with the site. At the time of the site reconnaissance 824 Metropolitan Avenue was used for parking/general storage and 832 Avenue Metropolitan was utilized

as a multi-family residential building. The Phase I ESA did not identify any RECs in connection with the subject site.

***March 2022 Phase I Environmental Site Assessment***

***Prepared by Haley & Aldrich***

Haley & Aldrich of New York prepared a Phase I ESA on behalf of 808 Metropolitan Realty LLC for the site located at 808 Metropolitan Avenue, Brooklyn, New York (Block 2916, Lot 8) for the purpose of identifying RECs in connection with the site. At the time of the site reconnaissance on 15 February 2022, the site was occupied by a Speedway gasoline filling station.

The Phase I ESA identified numerous RECs in connection with the subject site, including the current and former use of the subject site as a petroleum filling station/auto related facility since 1980. Additionally, there were three NYSDEC Spill Incident reports between 1999 and 2022 that were categorized and defined under RECs, including Spill #0330060, Spill #1811154, and Spill #2108862. The spill case #2108862, reported on 6 January 2022, at the north-adjointing and down-gradient property to the subject site, remains open.

Additionally, regulatory records and previous reports identified several spills at the subject site that were reported between 1988 and 1995. All of which have received regulatory closure, including the May 2013 NYSDEC closed Spill #95-02757. These spills were identified as a HREC and were associated with tank test failures, tank removal activities, gasoline affected subsurface site soils and/or human error. No CRECs were discovered in connection with the Site during the Phase I ESA.

Lastly, one de minimis condition was identified and categorized as poor housekeeping. During the subject site reconnaissance, one 55-gallon capacity drum of unknown contents was observed at the subject site. This drum was not properly labeled and therefore presented evidence that spill prevention measures were not implemented.

***March 2022 Remedial Investigation Report***

***Prepared by Haley & Aldrich***

Haley & Aldrich of New York completed a remedial investigation, under the NYCOER E-Designation program, to investigate soil, groundwater, and soil vapor quality beneath the Block 2916 former Lot 8 portion of the Site. The investigation was performed between 16 and 24 February 2022 and included installation of seven soil borings ranging from 20 to 30 feet below grade surface, installation of four one-inch diameter temporary groundwater monitoring wells to a depth of approximately 30 ft bgs and a subsequent collection of four groundwater samples, and an installation of five temporary soil vapor points, one in each corner of the former Lot 8 to a depth of between 12 and 14 ft bgs. Five soil vapor samples and one ambient air sample were collected. Field observations and laboratory analytical results are summarized below:

*Soil*

Urban fill generally consisting of brown to dark brown coarse to fine sand with varying amounts of gravel, concrete, brick, asphalt, and silt was observed from surface grade to the boring terminus (up to 5 ft bgs) in each soil boring. No apparent subsurface impacts were observed, including odors and staining, and photoionization detector (PID) readings of non-detect at 0.0 parts per million (ppm) were recorded.

- Soil/fill samples were compared to NYSDEC 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Soil Cleanup Objectives (RRSCOs). In addition, soil samples were compared to the NYSDEC published soil guidance values for perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) in October 2020 (latest revision June 2021). Soil/fill samples collected during the RI revealed the following:
  - One VOC, acetone, was detected at a concentration exceeding the UUSCO in one shallow soil sample analyzed (HA-02\_0-2' at a concentration of 0.057 milligrams per kilogram [mg/kg], UUSCO of 0.05 mg/kg). No additional VOCs were detected above UUSCOs in soil samples analyzed.
  - Seven SVOC were detected at concentrations exceeding the RRSCOs in shallow soil samples analyzed, including: benzo(a)anthracene in four soil samples, at a maximum concentration of 16 mg/kg in HA-01\_0-2 (RRSCO of 1 mg/kg); beno(a)pyrene in four soil samples, at a maximum concentration of 12 mg/kg in HA-01\_0-2 (RRSCO of 1 mg/kg); benzo(b)fluoranthene in five soil samples, at a maximum concentration of 15 mg/kg in HA-01\_0-2 and HA-06\_0-2 (RRSCO of 1 mg/kg); benzo(k)fluoranthene in one soil sample, at a maximum concentration of 4.2 mg/kg in HA-01\_0-2 (RRSCO of 3.9 mg/kg); chrysene in two soil samples, at a maximum concentration of 16 mg/kg in HA-01\_0-2 (RRSCO of 1 mg/kg); dibenzo(a,h)anthracene in two soil samples, at a maximum concentration of 1.7 mg/kg in HA-01\_0-2 (RRSCO of 0.33 mg/kg); and, indeno(1,2,3-cd)pyrene in four soil samples, at a maximum concentration of 8 mg/kg in HA-06\_0-2 (RRSCO of 0.5 mg/kg). In addition, benzo(k)fluoranthene was detected above the UUSCO in one soil sample, HA-06\_0-2 at a concentration of 3.7 mg/kg (UUSCO of 0.8 mg/kg) and chrysene was detected above the UUSCO in two soil samples HA-02\_0-2 and HA-07\_0-2 at concentrations of 1.8 mg/kg and 1.2 mg/kg, respectively (UUSCO of 1 mg/kg). No additional SVOCs were detected above UUSCOs or RRSCOs in soil samples analyzed.
  - Total PCBs was detected at a concentration exceeding the UUSCO in one soil sample analyzed (HA-02\_0-2' at a concentration of 0.179 mg/kg, UUSCO of 0.1 mg/kg). No additional PCBs were detected above UUSCOs in soil samples analyzed.
  - Five metals were detected at concentrations above UUSCOs, two of which also exceed RRSCOs in two or more soil samples analyzed, including: barium in one soil sample exceeding the UUSCO, HA-07\_0-2 detected at a concentration of 357 mg/kg (UUSCO of 350 mg/kg); copper in four soil samples exceeding the UUSCO (maximum concentration of 140 mg/kg in HA-06\_0-2, UUSCO of 50 mg/kg); lead in four samples exceeding the RRSCO and in three samples exceeding the UUSCO (maximum concentration of 4,460 mg/kg in HA-05\_0-2, UUSCO of 63 mg/kg, RRSCO of 400 mg/kg); mercury in two samples exceeding the RRSCO and in four samples exceeding the UUSCO (maximum concentration of 2.3 mg/kg in HA-07\_0-2, UUSCO of 0.18 mg/kg , RRSCO of 0.81 mg/kg); and zinc in five soil samples exceeding the UUSCO (maximum concentration of 343 mg/kg in HA-07\_0-2, UUSCO of 109 mg/kg).
  - Pesticides were not detected above UUSCOs or RRSCOs in soil samples analyzed.
  - 1,4-Dioxane was not detected above the laboratory detection limits.



- One soil sample (HA-04\_0-2), was analyzed for emerging contaminants: Per- and Polyfluoroalkyl Substances (PFAS) including perfluorooctanoic acid (PFOA), perfluorooctanesulfonic acid (PFOS), and 1,4-dioxane. One PFAS compound, PFOS, was detected at a concentration of 0.000388 mg/kg, below the UU guidance value of 0.00088 mg/kg. No additional PFOA/PFAS compounds were identified in soil samples collected.

#### *Groundwater*

- Groundwater analytical results were compared to NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA Water (herein referred to as NYSDEC SGVs) and Part 375 Remedial Programs Guidelines for Sampling and Analysis of PFAS NYSDEC June 2021 guidance value. Currently, a groundwater cleanup regulatory criterion does not exist for 1,4-dioxane in New York State. Concentrations of 1,4-dioxane were compared to New York State's drinking water maximum contaminant level (MCL) of 1 µg/L. Groundwater samples collected during the Limited Phase II ESI and RI showed:
  - No VOCs were detected above the NYSDEC SGVs in groundwater samples analyzed.
  - Six SVOCs were detected in groundwater samples at concentrations exceeding NYSDEC SGVs, including: benzo(a)anthracene in four groundwater samples, at a maximum concentration of 0.17 µg/L in TW-04 (SGV of 0.002 µg/L); benzo(a)pyrene in four groundwater samples, at a maximum concentration of maximum 0.14 µg/L in TW-04 (SGV of 0.0 µg/L); benzo(b)fluoranthene in four groundwater samples, at a maximum concentration of maximum 0.2 µg/L in TW-04 (SGV of 0.002 µg/L); benzo(k)fluoranthene in three groundwater samples, at a maximum concentration of maximum 0.05 µg/L in TW-04 (SGV of 0.002 µg/L); chrysene in three groundwater samples, at a maximum concentration of 0.15 µg/L in TW-04 (SGV of 0.002 µg/L); and, indeno(1,2,3-cd)pyrene in four groundwater samples, at a maximum concentration of maximum 0.1 µg/L in TW-04 (SGV of 0.002 µg/L). No additional SVOCs were detected above the NYSDEC SGVs in groundwater samples analyzed.
  - Seven total metals were detected in groundwater samples at concentrations exceeding NYSDEC SGVs in one or more groundwater sample, including: total chromium in one groundwater sample, at a maximum concentration 120.6 µg/L in TW-04 (SGV of 50 µg/L); total iron in three groundwater samples, at a maximum concentration of 46,600 µg/L in TW-04 (SGV of 300 µg/L); total magnesium in one groundwater sample, at a maximum concentration of 37,100 µg/L in TW-03 (SGV of 35,000 µg/L); total lead in one groundwater sample, at a concentration of concentration of 59.11 µg/L in TW-04 (SGV of 25 µg/L); total manganese in five groundwater samples (including the duplicate), at a maximum concentration of 4,509 µg/L in TW-04 (SGV of 300 µg/L); total selenium in three groundwater samples (including the duplicate), at a maximum concentration of 13.2 µg/L in TW-02 (SGV of 10 µg/L); and, total sodium in five groundwater samples (including the duplicate), at a maximum concentration of 538,000 µg/L in TW-04 (SGV of 20,000 µg/L). No additional metals were detected above NYSDEC SGVs in groundwater samples analyzed
  - Five dissolved metals were detected in groundwater samples at concentrations exceeding NYSDEC SGVs in one or more groundwater sample, including: dissolved iron in three

groundwater samples, at a maximum concentration of 2,400 µg/L in TW-03 (SGV of 300 µg/L); dissolved magnesium in one groundwater sample, at a concentration of 36,200 µg/L in TW-03 (SGV of 35,000 µg/L); dissolved manganese in five groundwater samples (including the duplicate), at a maximum concentration of 3,768 µg/L in TW-04 (SGV of 300 µg/L); dissolved selenium in three groundwater samples (including the duplicate), at a maximum concentration of 13.2 µg/L in TW-02 (SGV of 10 µg/L); and, dissolved sodium in four groundwater samples (including the duplicate) at a maximum concentration of 573,000 µg/L in TW-04 (SGV of 20,000 µg/L). No additional dissolved metals were detected above NYSDEC SGVs in groundwater samples analyzed.

- No PCBs or pesticides were detected above NYSDEC SGVs in groundwater samples analyzed.
- 1,4-Dioxane was not detected above the MCL of 1 µg/L in groundwater samples analyzed.
- Three groundwater samples (TW-01, TW-02 and TW-04) were analyzed for emerging contaminants. Perfluorooctanoic Acid (PFOA) was detected at concentrations exceeding the NYSDEC June 2021 guidance value of 0.01 µg/L in all three groundwater samples collected. The maximum concentration of PFOA was identified at a concentration of 0.222 µg/L in TW-01. Total PFOA/PFAS concentrations in groundwater samples ranged from 0.025 µg/L in TW-04 to 0.226 µg/L in TW-01, below the NYSDEC June 2021 guidance value of 0.5 µg/L.

#### *Soil Vapor*

- Total VOC concentrations in soil vapor samples ranged from 271.81 micrograms per cubic meter (µg/m<sup>3</sup>) in SV-03 to 92,075.50 µg/m<sup>3</sup> in SV-05. By comparison total VOCs in the ambient air sample were detected at a concentration of 75.99 µg/m<sup>3</sup>. Total benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations ranged from 75.50 µg/m<sup>3</sup> in SV-05 to 288.69 µg/m<sup>3</sup> in SV-01. By comparison total BTEX in the ambient air sample were detected at a concentration of 15.27 µg/m<sup>3</sup>.
- No standard currently exists for soil vapor samples in New York State. Soil vapor analytical results were compared to the NYSDOH AGVs specified in the NYSDOH guidance document. No chlorinated VOCs (CVOCs) exceeded the NYSDOH AGVs. Total CVOc concentrations ranged from non-detect in soil vapor sample SV-05 to 7.39 µg/m<sup>3</sup> in soil vapor sample SV-04. By comparison total CVOcs in the ambient air sample were detected at a concentration of 0.70 µg/m<sup>3</sup>

In addition, two petroleum-related VOCs were detected at elevated concentrations in soil vapor sample SV-05, including, cyclohexane at 33,900 µg/m<sup>3</sup> and hexachlorobutadiene at 58,100 µg/m<sup>3</sup>.

#### ***March 2022 Remedial Investigation Report Prepared by Concave Consulting***

Concave Consulting completed a remedial investigation, under the NYCOER E-Designation program, to investigate soil, groundwater, and soil vapor quality beneath Block 2916 Lot 14 and former lot 16 portions of the Site (824 and 832 Metropolitan Avenue). The investigation was performed between 24 February and 1 March 2022 and included installation of seven soil borings ranging from 20 to 30 feet below grade surface, installation of four one-inch diameter temporary groundwater monitoring wells to a depth of approximately 30 ft bgs and subsequent collection of four groundwater samples, and an installation of five temporary soil vapor points, one in each corner of the subject site to a depth of between 12 and 14

ft bgs. Five soil vapor samples and one ambient air sample were collected. Field observations and laboratory analytical results are summarized below:

### *Soil*

The stratigraphy underlying the Site consisted of a shallow layer of urban fill material consisting of fine-grained brown silty sand with varying amounts of slag, ash, and masonry fragments and generally present to a depth of approximately 3 to 6 feet below grade. The historic fill material was underlain by a layer of fine-grained light brown silty sand present to depths ranging from approximately 8 to 11 feet below grade, followed by a medium- to coarse-grained tan/yellow sand with localized lenses of finer material (e.g., silts, clays, loams) extending to a depth of approximately 15 feet below grade.

- Soil analytical results were compared to 6 NYCRR Part 375 Unrestricted Use (UU) SCOs and Restricted Use Restricted-Residential (RR) SCOs; and to the guidance values for emerging contaminants presented in the “Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl - Substances (PFAS) Under NYSDEC’s Part 375 Remedial Programs” (PFAS Guidance, June 2021). Sampling results are summarized below:
  - VOCs were not detected above UUSCOs or RRSCOs in all soil samples analyzed.
  - Seven SVOCs were detected at concentrations exceeding the RRSCOs in two shallow soil samples analyzed, including: benzo(a)anthracene, at a maximum concentration of 8.35 mg/kg in SB03A (RRSCO of 1 mg/kg); benzo(a)pyrene, at a maximum concentration of 7.93 mg/kg in SB03A (RRSCO of 1 mg/kg); benzo(b)fluoranthene, at a maximum concentration of 6.91 mg/kg in SB03A (RRSCO of 1 mg/kg); benzo(k)fluoranthene, at a maximum concentration of 6.57 mg/kg in SB03A (RRSCO of 3.9 mg/kg); chrysene, at a maximum concentration of 8.74 mg/kg in SB03A (RRSCO of 3.9 mg/kg); dibenzo(a,h)anthracene, at a maximum concentration of 0.807 mg/kg in SB03A (RRSCO of 0.33 mg/kg); indeno(1,2,3-cd)pyrene at a maximum concentration of 0.807 mg/kg in SB03A (RRSCO of 0.5 mg/kg).
  - Two pesticides were detected at concentrations greater than UUSCOs, but below RRSCOs, in three shallow soil samples collected from the zero to two-foot interval (SB01A, SB03A, and SB05A), including: 4,4'-DDE at a maximum concentration of 0.007 mg/kg in SB01A (UUSCO of 0.0033 mg/kg and RRSCO of 8.9 mg/kg); 4,4'-DDT at a maximum concentration of 0.024 mg/kg in SB01A (UUSCO of 0.0033 mg/kg and RRSCO of 7.9 mg/kg).
  - PCBs were not detected above UUSCOs or RRSCOs in soil samples analyzed.
  - Eight metals were detected at concentrations exceeding the UUSCOs and/or RRSCOs in soil samples analyzed, including: arsenic at a maximum concentration of 13.5 mg/kg in SB03A (UUSCO of 13 mg/kg and RRSCO of 16 mg/kg); barium at a maximum concentration of 602 mg/kg in SB03A (UUSCO of 350 mg/kg and RRSCO of 400 mg/kg); cadmium at a maximum concentration of 3.63 mg/kg in SB05A (UUSCO of 2.5 mg/kg and RRSCO of 4.3 mg/kg); copper at a maximum concentration of 396 mg/kg in SB03A (UUSCO of 50 mg/kg and RRSCO of 270 mg/kg); lead at a maximum concentration of 1,480 mg/kg in SB03A (UUSCO of 63 mg/kg and RRSCO of 400 mg/kg); mercury at a maximum concentration of 2.12 mg/kg in SB06A (UUSCO of 0.18 mg/kg and RRSCO of 0.81 mg/kg); nickel at a maximum concentration of 30.5 mg/kg in SB01A (UUSCO of 30 mg/kg and RRSCO of 310 mg/kg); zinc at a maximum concentration of 559 mg/kg in SB01A (UUSCO of 109 mg/kg and RRSCO of 10,000 mg/kg)

- PFAS and 1,4-dioxane were not detected in soil samples.

#### *Groundwater*

- Groundwater samples were compared to 6 NYCRR Part 703.5 Class GA groundwater standards and the interim guidance values for emerging contaminants presented in the NYSDEC PFAS Guidance (June 2021). Sampling results are summarized below:
  - No VOCs, Pesticides, or PCBs were detected at concentrations greater than Class GA standards.
  - Several SVOCs, particularly PAHs, were detected in the groundwater sample collected from monitoring well MW03 at concentrations exceeding their respective Class GA standards. Low purge and recharge rates encountered during sampling of MW03 resulted in groundwater samples with high turbidity. The identified PAHs are likely attributable to high turbidity rather than indicative of overall groundwater quality at MW03. SVOC results for groundwater are summarized below:
    - Benzo(a)anthracene – 0.30 micrograms per liter (ug/L) in MW03 (Class GA of 0.002 ug/L)
    - Benzo(a)pyrene – 0.25 ug/L in MW03 (Class GA of 0.002 ug/L)
    - Benzo(b)fluoranthene – 0.25 ug/L in MW03 (Class GA of 0.002 ug/L)
    - Benzo(k)fluoranthene – 0.25 ug/L in MW03 (Class GA of 0.002 ug/L)
    - Bis(2-ethylhexyl)phthalate – 9.85 ug/L in MW03 (Class GA of 5 ug/L)
  - Several metals were detected in the unfiltered groundwater samples at concentrations greater than their respective Class GA standards; however, most of the detected metals are not present in the filtered samples and thus attributable to the turbidity of the collected groundwater samples. When filtered at the lab, only sodium (max. 423,000 ug/L) and selenium (18.7 ug/L) remained at concentrations greater than Class GA standards. Sodium and selenium are naturally occurring background metals and are not indicative of anthropogenic influences or operations at the Site.
  - Three PFAS compounds, 1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTS), perfluorooctanesulfonic acid (PFOS), and perfluorooctanoic acid (PFOA), were detected at concentrations exceeding their current NYSDEC interim guidance values. PFAS are not considered to be potential contaminants of concern for the Site. Maximum PFAS results for groundwater samples are summarized below:
    - 6:2 FTS – 133 nanograms per liter (ng/L) in MW03 (interim guidance value of 100 ng/L)
    - PFOS – 18.4 ng/L in MW01 (interim guidance value of 10 ng/L)
    - PFOA – 163 ng/L in MW03 (interim guidance value of 10 ng/L)

#### *Soil Vapor*

- A total of five soil vapor samples were collected during the RI; however, due to the malfunction of two Summa® canister flow regulators, the laboratory was unable to analyze soil vapor samples collected from locations SV01 and SV05. Samples were analyzed from locations SV02, SV03, and SV04 and were compared to the decision matrices established in the NYSDOH “Final Guidance on Soil Vapor Intrusion” (May 2017 Update). Soil vapor concentrations from SV02, SV03, and SV04

that could be compared to matrices resulted in no further action recommended. Total concentrations of petroleum-related VOCs (benzene, toluene, ethylbenzene, and xylenes [BTEX]) were detected at concentrations ranging from 209.34 ug/m<sup>3</sup> to 304.08 ug/m<sup>3</sup>.

***Draft March 2023 Remedial Investigation Report  
Prepared by Haley and Aldrich***

*Soil*

Volatile Organic Compounds

VOCs were not detected above the respective standards in any soil sample.

Semi-Volatile Organic Compounds

Multiple SVOCs were detected at concentrations exceeding the UUSCOs, RRSCOs, and/or PGWSCOs in soil samples collected from eight of the 15 soil borings. SVOCs exceedances were in soil samples collected from 0 to 6 in. bgs across the Site with the exception of detections in one sample from 6 to 8 ft bgs at the northern edge of the petroleum storage USTs.

The maximum concentrations of compounds which exceeded UUSCOs, RRSCOs, and PGWSCOs included benzo(a)anthracene (2.7 mg/kg), benzo(b)fluoranthene (3.4 mg/kg), and chrysene (2.6 mg/kg).

The maximum concentrations of compounds which exceeded UUSCOs and RRSCOs included benzo(a)pyrene (2.8 mg/kg) and indeno(1,2,3-cd)pyrene (1.8 mg/kg). Dibenzo(a,h)anthracene was detected at a concentration equal to the UUSCO and RRSCO (0.33 mg/kg). Benzo(k)fluoranthene exceeded the UUSCO in one sample at a concentration of 0.97 mg/kg.

Metals

Six metals were detected at concentrations exceeding the UUSCOs, RRSCOs, and/or PGWSCOs in soil samples collected from 13 of the 15 soil borings. Metals exceedances were detected in soil samples collected from 0 to 6 in. bgs and from 6 to 8 ft bgs across the Site with the exception of a detection of copper above the UUSCO in one sample from 12 to 14 ft bgs in the central portion of the Site

Lead and mercury were detected at concentrations exceeding the UUSCOs, RRSCOs, and PGWSCOs in surface soil samples collected at the Site. The maximum concentrations of lead (967 mg/kg) was reported in soil sample SB-5 (0-0.5') while the maximum concentration of mercury (7.22 mg/kg) was reported in soil sample SB-6 (0-0.5').

Zinc was detected at concentrations exceeding the UUSCO in several samples, from 0 to 6 in. bgs and from 6 to 8 ft bgs, at a maximum concentration of 448 mg/kg.

In one shallow soil sample, SB6 (0-0.5'), barium exceeded the UUSCO and RRSCO (435 mg/kg) and arsenic exceeded the UUSCO (15 mg/kg). Copper exceeded the UUSCO in one sample, SB5 (0-0.5'). at a concentration of 56 mg/kg.

No other metals were detected in any soil samples above applicable standards.

#### Polychlorinated Biphenyls

PCBs were not detected above applicable standards in any soil samples.

#### Pesticides

The pesticides dieldrin, 4,4-DDD, 4,4-DDE, and 4,4-DDT were detected at concentrations exceeding the UUSCOs in soil samples collected from 0 to 6 in., 6 to 8 ft, and 12 to 14 ft bgs at the Site. The concentrations of three of the pesticides (4,4-DDD, 4,4-DDE, and 4,4-DDT) were reported at a maximum concentration in soil sample SB5 (0-0.5') except for dieldrin which was reported at a maximum concentration in soil sample SB8 (0-0.5').

The maximum concentrations of compounds that exceeded UUSCOs were dieldrin (0.0079 mg/kg), 4,4-DDD (0.18 mg/kg), 4,4-DDE (0.518 mg/kg), and 4,4-DDT (1.32 mg/kg).

No other pesticides were detected in any soil samples above applicable standards.

#### Emerging Contaminants

1,4-dioxane was not detected above laboratory detection limits in any soil samples collected at the Site.

PFOA was detected above the guidance value for unrestricted use in SB14 (6-8') at a concentration of 1.09 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ). PFOS was detected above the guidance value for unrestricted use in SB15 (6-8') at a concentration of 1.33  $\mu\text{g}/\text{kg}$  and in SB15 (12-14') at a concentration of 1.64  $\mu\text{g}/\text{kg}$ .

The maximum total PFOA/PFAS compounds from non-detect to a maximum concentration of 1.92  $\mu\text{g}/\text{kg}$  in SB15 (12-14') (1.92 ppb).

#### *Groundwater*

##### Volatile Organic Compounds

Benzene was detected in groundwater samples above the AWQS in two monitoring wells (MW-03 and MW-04, at the southeastern and northeastern areas of the petroleum UST, respectively) at a maximum concentration of 33  $\mu\text{g}/\text{L}$ . MTBE was also detected in MW-04 above the AWQS at a concentration of 42  $\mu\text{g}/\text{L}$ .

No other VOCs were detected above the AWQS in any groundwater sample.

##### Semi-Volatile Organic Compounds

Five of the eight groundwater samples collected reported one or more SVOCs, specifically PAHs, detected above the AWQS.

The maximum concentrations all occurred in groundwater sample MW-01 and included benzo(a)anthracene (0.07  $\mu\text{g}/\text{L}$ ), benzo(a)pyrene (0.05  $\mu\text{g}/\text{L}$ ), benzo(b)fluoranthene (maximum concentration 0.06  $\mu\text{g}/\text{L}$ ), benzo(k)fluoranthene (0.02  $\mu\text{g}/\text{L}$ ), chrysene (0.04  $\mu\text{g}/\text{L}$ ), and indeno(1,2,3-cd)pyrene (0.04  $\mu\text{g}/\text{L}$ ). These values were all estimated values based on the laboratory analysis.

No other SVOCs were detected above the AWQS in any groundwater sample.

#### Polychlorinated Biphenyls

Aroclor 1254 was detected above the AQWS for Total PCBs in MW-06 at 0.107 µg/L. No other PCBs were detected above laboratory detection limits in any groundwater sample.

#### Dissolved Metals

Four dissolved metals were detected above the AWQS in several groundwater samples including iron (maximum concentration 29 milligrams per Liter [mg/L] in MW-01), magnesium (maximum concentration 62.9 mg/L in MW-03), manganese (maximum concentration 7.79 mg/L in MW-01) and sodium (maximum concentration 802 mg/L in MW-03).

No other dissolved metals were detected above the AWQS in any groundwater sample.

#### Total Metals

Four dissolved metals were detected above the AWQS in several groundwater samples including iron (maximum concentration 37.5 mg/L in MW-01), magnesium (maximum concentration 62.4 mg/L in MW-03), manganese (maximum concentration 7.494 mg/L in MW-01) and sodium (maximum concentration 770 mg/L in MW-03).

No other total metals were detected above the AWQS in any groundwater sample.

#### Pesticides

Pesticides were not detected above the AWQSs in any groundwater samples.

#### Emerging Contaminants

A groundwater cleanup regulatory criterion does not exist for 1,4-dioxane in New York State. Concentrations of 1,4-dioxane were compared to New York State's drinking water MCL of 1 µg/L. Emerging contaminants PFOA/PFAS compounds in groundwater are compared to the NYSDEC November guidance value of 0.01 µg/L. Figure 7 provides emerging contaminant data in groundwater.

1,4-Dioxane was not detected in any groundwater samples above laboratory detection limits.

PFOA was detected above the NYSDEC GV in eight groundwater samples at a maximum concentration of 0.475 µg/L in MW-07. PFOS was detected above the NYSDEC GV in six groundwater samples at a maximum concentration of 0.0112 µg/L in MW-04.

Total PFOA/PFAS concentrations in groundwater samples ranged from an estimated value of 5.33 ng/L in MW-02 to a maximum concentration of 486 ng/L in MW-07. No groundwater samples had a total PFOA/PFAS concentration above the NYSDEC June 2021 guidance value of 500 ng/L.

#### *Soil Vapor*

Several petroleum-related VOCs were detected at elevated concentrations in soil vapor samples including benzene, ethylbenzene, m,p-Xylenes, o-Xylene, and toluene; maximum concentrations of each



of these was found in SV-1. Total BTEX concentrations ranged from non-detect in SV-6 to a maximum of 52.6  $\mu\text{g}/\text{m}^3$  in sample SV-1.

Several other VOCs were detected in all soil vapor samples collected at the Site, including two CVOCs: methylene chloride in SV-1 at a concentration of 1.76  $\mu\text{g}/\text{m}^3$ , and tetrachloroethene in SV-02 at a concentration of 1.55  $\mu\text{g}/\text{m}^3$ . Total VOC concentrations ranged from 41  $\mu\text{g}/\text{m}^3$  in SV-4 to 12,696  $\mu\text{g}/\text{m}^3$  in sample SV-6.

### 3. Supplemental Remedial Investigation

This section describes the field activities to be conducted during the Supplemental Remedial Investigation (SRI) and provides the sampling scope, objectives, methods, anticipated number of samples, and sample locations. A summary of the sampling and analysis plan is provided in Table 1 and the sample locations are shown in Figure 3. The following investigation activities will be conducted to delineate the vertical extent of soil contamination, specifically in the western portion of the Site where groundwater samples contain VOCs and SVOCs.

#### 3.1 UTILITY MARKOUT

Field personnel will mobilize to the Site to stake (with flagging or paint) the proposed soil sample locations. Once the sample locations are marked, Dig Safely New York will be contacted to mark underground utilities. A ground penetrating radar survey was completed in February 2022 prior to the initial RI. Once the utilities are marked, field equipment and personnel will be mobilized to the Site.

#### 3.2 SOIL SAMPLING

The sampling and analysis plan is summarized in Table 1. Nine soil borings will be installed to approximately 30 feet below grade surface (ft bgs) by a track-mounted direct push drill rig (Geoprobe®) operated by a licensed operator. Soil samples will be collected from acetate liners using a stainless-steel trowel or sampling spoon. Samples will be placed in laboratory provided clean bottle ware.

Soils will be logged continuously by a geologist or engineer using the Unified Soil Classification System. The presence of staining, odors, and photoionization detector (PID) response will be noted. Samples will be collected using laboratory-provided clean bottle ware. VOC grab samples will be collected using terra cores. Sampling methods are described in the Field Sampling Plan (FSP) under the original RIWP and is included in Appendix A. The Quality Assurance Project Plan (QAPP) has been updated and is provided as Appendix B. Laboratory data will be reported in ASP Category B deliverable format.

To characterize the depth and extent of contamination, soil will be sampled and analyzed for:

- Target Compound List (TCL) VOCs using EPA method 8260B
- TCL SVOCs using EPA method 8270C
- Total Analyte List (TAL) Metals using EPA method 6010
- TCL Pesticides using EPA method 8081B
- PCBs using EPA method 8082
- Per- and polyfluoroalkyl substances (PFAS) by EPA method 1633
- 1,4-dioxane by EPA Method 8270 SIM

#### 3.3 INVESTIGATION DERIVED WASTE

Following sample collection, boreholes will be backfilled with soil cutting and an upper bentonite plug. Boreholes will be restored to grade with surrounding area. If soil is identified as grossly contaminated, it

will be separated and placed into a sealed and labeled Department of Transportation (DOT) approved 55-gallon drum pending characterization and offsite disposal.

### **3.4 PROPOSED SAMPLING RATIONALE**

Haley & Aldrich has proposed the sample plan described herein and as shown in Figure 3, in consideration of the data generated during the Remedial Investigation performed in March 2022 and in February 2023. Proposed sampling locations will address data gaps from the RI to further delineate soil contamination. Sampling locations will also help characterize soil conditions post-corrective action.

#### **4. Quality Assurance and Quality Control**

Quality Assurance/Quality Control (QA/QC) procedures will be used to provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the sampling and analysis for this investigation. Field QA/QC procedures will be used (1) to document that samples are representative of actual conditions at the Site and (2) identify possible cross-contamination from field activities or sample transit. Laboratory QA/QC procedures and analyses will be used to demonstrate whether analytical results have been biased either by interfering compounds in the sample matrix, or by laboratory techniques that may have introduced systematic or random errors to the analytical process.

QA/QC procedures are defined in the Quality Assurance Project Plan included in Appendix B.

## 5. Data Use

### 5.1 DATA SUBMITTAL

Analytical data will be supplied in ASP Category B Data Packages. If more stringent than those suggested by the United States Environmental Protection Agency, the laboratory's in house QA/QC limits will be utilized.

### 5.2 DATA VALIDATION

Data packages will be sent to a qualified data validation specialist for evaluation of accuracy and precision of the analytical results. A DUSR will be created to confirm the compliance of methods with the protocols described in the NYSDEC Analytical Service Protocol (ASP). DUSRs will summarize and confirm usability of the data for project-related decisions. Data validation will be completed in accordance with the DUSR guidelines from NYSDEC Division of Environmental Remediation. The DUSR will be included with the submittal of a Supplemental Remedial Investigation Report (SRIR).

## **6. Health and Safety**

### **6.1 HEALTH AND SAFETY PLAN**

A Site-specific Health and Safety Plan (HASP) has been prepared in accordance with NYSDEC and NYSDOH guidelines and is provided as Appendix C.

### **6.2 COMMUNITY AIR MONITORING PLAN**

The proposed SRI work will be completed outdoors at the Site. Where intrusive drilling operations are planned, community air monitoring will be implemented to protect the downwind receptors. A Haley & Aldrich representative will continually monitor the breathing air in the vicinity of the immediate work area using a PID to measure total VOCs in air at concentrations as low as 1 part per million (ppm). The air in the work zone also will be monitored for visible dust generation.

If VOC measurements above 5 ppm are sustained for 15 minutes or visible dust generation is observed, the intrusive work will be temporarily halted and a more rigorous monitoring of VOCs and dust using recordable meters will be implemented in accordance with the NYSDOH Generic Community Air Monitoring Plan (CAMP).

## 7. Project Organization

A project team for the site has been created based on qualifications and experience with personnel suited for successfully completing the project.

The NYSDEC Case Manager is Kati Liloia. The Case Manager will be responsible for overseeing the successful completion of the project work and adherence to the work plan on behalf of NYSDEC.

The NYSDOH Case Manager will be Christine Vooris. The Case Manager will be responsible for overseeing the successful completion of the project work and adherence to the work plan on behalf of NYSDOH.

James Bellew will be the Qualified Environmental Professional (QEP) and Principal in Charge for this work. Mr. Bellew has over 15 years of experience in investigation and remediation in New York and throughout the eastern United States. In this role, Mr. Bellew will be responsible for the overall completion of each task as per requirements outlined in this work plan and in accordance with the DER-10 guidance.

Suzanne Bell will be the Project Manager for this work. In this role, Ms. Bell will manage the day-to-day tasks including coordination and supervision of field engineers and scientists, adherence to the work plan and oversight of project schedule. As the Project Manager, Ms. Bell will also be responsible for communications with the NYSDEC Case Manager regarding project status, schedule, issues, and updates for project work.

Zachary Simmel will be the Assistant Project Manager for this work as well as the Quality Assurance Officer (QAO). The QAO will assure the application and effectiveness of the QAPP by the analytical laboratory and the project staff, provide input to field team as to corrective actions that may be required as a result of the above-mentioned evaluations and prepare and/or review data validation and audit reports.

Nicholas Manzione will be the field engineer responsible for implementing the field effort for this work. Mr. Manzione's responsibilities will include implementing the work plan activities and directing the subcontractors to ensure successful completion of all field activities.

The drilling subcontractors will be Eastern Environmental Solutions and/or Lakewood Environmental. Eastern Environmental Solutions and/or Lakewood will provide a Geoprobe® operator to implement the scope of work in this SRIWP.

The analytical laboratory will be Alpha Analytical of Westborough, MA, a New York Environmental Laboratory Approval Program (ELAP) certified laboratory. Alpha Analytical will be responsible for analyzing samples as per the analyses and methods identified in Section 3.



## 8. Reporting

During implementation of this work plan, daily reports will be provided to the NYSDEC and NYSDOH which summarize daily activities and provide the CAMP monitoring data. Following completion of the work, a summary of the SRI will be provided to NYSDEC as an appendix to the Remedial Action Work Plan to support implementation of proposed remedial action. The report will include:

- Summary of the activities;
- Figure showing sampling locations;
- Tables summarizing laboratory analytical results;
- Laboratory analytical data reports;
- Field sampling data sheets;
- Findings regarding the nature and extent of contamination at the Site;
- Qualitative exposure assessment of any contamination from an on-site source that has migrated offsite; and
- Conclusions and recommendations.

## References

1. Brownfield Cleanup Program Application. 808-834 Metropolitan Avenue, Brooklyn, New York. Prepared by Upton Metropolitan LLC & Haley & Aldrich of New York, prepared for the New York State Department of Environmental Conservation. Submitted July 2022.
2. ASTM Phase I Environmental Site Assessment, 808 Metropolitan Avenue, Brooklyn, New York, Prepared by Haley & Aldrich of New York, prepared for 808 Metropolitan Realty LLC, March 2022.
3. NYCOER Remedial Investigation Report (808 Metropolitan Avenue), March 2022, prepared by Haley & Aldrich.
4. NYCOER Remedial Investigation Report (824-832 Metropolitan Avenue), April 2022, prepared by Concave Consulting.
5. ASTM Phase I Environmental Site Assessment, 824 Metropolitan Avenue, Brooklyn, New York, Prepared by EBI Consulting, prepared for Zois Sachtouris, July 2015.
6. ASTM Phase I Environmental Site Assessment, 824-832 Metropolitan Avenue, Brooklyn, New York, Prepared by Environmental Studies Corporation, prepared for 824 Metropolitan LLC, July 2019.
7. Quarterly Update Report prepared by EnviroTrac Ltd., dated 30 April 2013.
8. Remedial Action Plan prepared by Amerada Hess Corporation, dated 28 December 2005.
9. Remedial Investigation Work Plan prepared by EnviroTrac Ltd., dated 29 July 2009.
10. Soil Sampling & Well Installation Work Plan prepared by Environmental Assessment & Remediations, dated February 2019.
11. Spill Closure Notice – Spill #95-02757 prepared by NYSDEC, dated 6 May 2013.
12. Spill Closure Request - Spill #95-02757 prepared by EnviroTrac Ltd., dated 29 June 2012.
13. Underground Storage Tank Closure Report prepared by Groundwater & Environmental Services, Inc., dated 20 May 1998.
14. Draft Remedial Investigation Report, March 2023, prepared by Haley & Aldrich
15. Program Policy DER-10, “Technical Guidance for Site Investigation and Remediation,” New York State Department of Environmental Conservation, May 2010.

## TABLES

**Table 1. Sample and Analysis Plan**

808-834 Metropolitan Avenue

Brooklyn New York

| Boring Number | Soil Sample Depth | Target Compound List<br>VOCs (8260B) | Target Compound List<br>SVOCs (8270C) | Total Analyte List<br>Metals (6010) | PCBs (8082) | Pesticides (8081B) | PFAS (1633) | 1,4-Dioxane<br>(8270 SIM) |
|---------------|-------------------|--------------------------------------|---------------------------------------|-------------------------------------|-------------|--------------------|-------------|---------------------------|
| SOIL          |                   |                                      |                                       |                                     |             |                    |             |                           |
| SRI-01        | 14-16'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 20-22'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 26-28'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
| SRI-02        | 14-16'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 20-22'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 26-28'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
| SRI-03        | 14-16'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 20-22'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 26-28'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
| SRI-04        | 14-16'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 20-22'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 26-28'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
| SRI-05        | 14-16'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 20-22'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 26-28'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
| SRI-06        | 14-16'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 20-22'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 26-28'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
| SRI-07        | 14-16'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 20-22'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 26-28'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
| SRI-08        | 14-16'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 20-22'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 26-28'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
| SRI-09        | 14-16'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 20-22'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |
|               | 26-28'            | X                                    | X                                     | X                                   | X           | X                  | X           | X                         |

Notes:

VOCs - Volatile Organic Compounds

SVOCs - Semi-volatile Organic Compounds

PCBs - Polychlorinated biphenyls

PFAS - Per- and Polyfluoroalkyl Substances

QAQC samples include:

MS/MSD - 1 for every 20 samples

Field Duplicate - 1 for every 20 samples

Trip Blanks - 1 per cooler of samples to be analyzed for VOCs

Field Blanks - 1 for every 20 samples

## FIGURES





GIS: \\haleyaldrich.com\share\CF\Projects\0205563\GIS\Map\2023\_03\_RIR\205563\_001\_0001\_PROJECT\_LOCUS.mxd - khansen - 4/28/2022 2:08:34 PM



MAP SOURCE: USGS  
SITE COORDINATES: 40°42'52"N, 73°56'29"W

**HALEY  
ALDRICH**

METROPOLITAN AVE SRIWP  
808 METROPOLITAN AVENUE  
BROOKLYN, NEW YORK

## PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT  
MARCH 2023

**FIGURE 1**



GIS: \\haleyaldrich.com\share\CP\Projects\0205563\GIS\Maps\2023\_03\_RIR\0205563\_001\_0002\_SITE\_MAP.mxd - khensen - 3/16/2023 12:49:00 PM

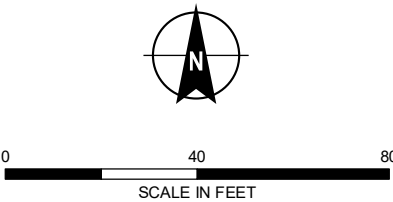


**LEGEND**

-  SITE BOUNDARY
-  PARCEL BOUNDARY

**NOTES**

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 27 SEPTEMBER 2022



**HALEY  
ALDRICH**

METROPOLITAN AVE SRIWP  
808 METROPOLITAN AVENUE  
BROOKLYN, NEW YORK

**SITE MAP**

MARCH 2023

**FIGURE 2**



GIS: \\haleyaldrich\share\CF\Projects\2024\2023\GIS\Maps\2022\_02\2024\23\_000\_0002\_SITE\_PLAN.mxd - khalibol - 4/28/2022 2:25:27 PM

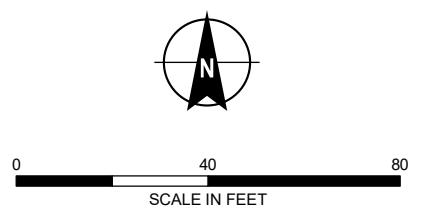


**LEGEND**

-  UNDERGROUND STORAGE TANK
-  BLOCK 2916 SITE BOUNDARY
-  PARCEL BOUNDARY
-  WORK AREA BOUNDARY
-  SOIL BORING SAMPLE LOCATION

**NOTES**

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE
2. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
3. AERIAL IMAGERY SOURCE: NEARMAP, 19 OCTOBER 2021



SUPPLEMENTAL REMEDIAL INVESTIGATION WORK PLAN  
808-834 METROPOLITAN AVENUE B  
BROOKLYN, NEW YORK

**PROPOSED SAMPLE LOCATION MAP**

July 2022

**FIGURE 3**



## **APPENDIX A**

### **Field Sampling Plan**

FIELD SAMPLING PLAN  
808-834 METROPOLITAN AVENUE  
BROOKLYN, NEW YORK

by  
Haley & Aldrich of New York  
New York, New York

for  
Upton Metropolitan LLC  
4403 15<sup>th</sup> Avenue, Suite 137  
Brooklyn, New York 11219

File No. 0205563  
June 2022



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## **APPENDIX A – Field Forms**

## **1. Introduction**

This Field Sampling Plan (FSP) has been prepared as a component of the Remedial Investigation Work Plan (RIWP) for the subject Site located at 808-834 Metropolitan Avenue, Brooklyn, New York. This document was prepared to establish field procedures for field data collection to be performed in support of the RIWP for the Site.

The RIWP includes this Field Sampling Plan, a Quality Assurance Project Plan (QAPP), Health and Safety Plan (HASP), and Community Air Monitoring Plan (CAMP), which are included as part of this plan by reference.

The standard operating procedures (SOP) included as components of this plan will provide the procedures necessary to meet the project objectives. The SOPs will be used as reference for the methods to be employed for field sample collection and handling and the management of field data collected in the execution of the approved RIWP. The SOPs include numerous methods to execute the tasks of the RIWP. The Project Manager will select the appropriate method as required by field conditions and/or the objective the respective project task at the time of sample collection. Field procedures will be conducted in general accordance with the New York State Department of Conservation (NYSDEC) Technical Guidance for Site Investigation and Remediation (DER-10) and the Sampling, Analysis and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC Part 375 Remedial Program when applicable.

## 2. Field Program

This FSP provides the general purpose of sampling as well as procedural information. The RIWP contains the details on sampling and analysis (locations, depths, frequency, analyte lists, etc.).

The field program has been designed to acquire the necessary data to comply with the RIWP, and includes the following tasks:

- Soil sampling;
- Groundwater sampling;
- Soil vapor sampling;
- Indoor and ambient air sampling; and,
- Sampling of investigation of derived wastes (IDW) as needed for disposal.

Previous investigations conducted at the Site identified the presence of liquid petroleum hydrocarbon (LPH) and elevated concentrations of volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) in groundwater at the Site. A Remedial Investigation Report for the NYCOER E-Designation Program were performed at the Site in March 2022 by Haley & Aldrich (Lot 8) and by Concave Consulting (Lots 14 and 16). This SI's revealed the presence of elevated VOC, SVOC and metal concentrations in soil at the Site, indicating the need for additional investigation and sampling on order to comprehensively understand the extent of contamination on the Site.

Previous investigations did not comprehensively delineate the extent of soil, groundwater and soil vapor contamination at the Site. A RI will be performed upon acceptance of the Site into the BCP and approval of the RIWP that will include additional targeted soil, groundwater, and soil vapor sampling. Results of the additional sample analyses will be used to confirm the results of the previous Site characterization activities, potentially identify an on-site source, and determine a course for remedial action.

These SOPs presented herein may be changed as required, dependent on-site conditions, or equipment limitations, at the time of sample collection. If the procedures employed differ from the SOP, the deviations will be documented in the associated sampling report.



### 3. Utility Clearance

Invasive remedial activities such as excavation or remedial construction activities require location of underground utilities prior to initiating work. Such clearance is sound practice in that it minimizes the potential for damage to underground facilities and more importantly, is protective of the health and safety of personnel. Under no circumstances will invasive activities be allowed to proceed without obtaining proper utility clearance by the appropriate public agencies and/or private entities. This clearance requirement applies to all work on both public and private property, whether located in a dense urban area or a seemingly out-of-the-way rural location.

The drilling contractor performing the work will be responsible for obtaining utility clearance.

Utility clearance is required by law, and obtaining clearance includes contacting a public or private central clearance agency via a “one-call” telephone service and providing the proposed exploration location information. It is important to note that public utility agencies may not, and usually do not have information regarding utility locations on private property.

Before beginning subsurface work at any proposed exploration locations, it is critical that all readily-available information on underground utilities and structures be obtained. This includes publicly available information as well as information in the possession of private landowners. Any drawings obtained must be reviewed in detail for information pertaining to underground utilities.

Using the information obtained, the site should be viewed in detail for physical evidence of buried lines or structures, including pavement cuts and patches, variation in or lack of vegetation, variations in grading, etc. Care must also be taken to avoid overhead utilities as well. Presence of surface elements of buried utilities should be documented, such as manholes, gas or water service valves, catch basins, monuments or other evidence.

Overhead utility lines must be considered when choosing exploration and excavation locations. Most states require a minimum of 10 ft of clearance between equipment and energized wires. Such separation requirements may also be voltage-based and may vary depending on state or municipality regulations. In evaluating clearance from overhead lines, the same restrictions may apply to “drops”, or wires on a utility pole connecting overhead and underground lines.

Using the information obtained and observations made, proposed exploration or construction locations should be marked in the field. Marking locations can be accomplished using spray paint on the ground, stakes, or other means. All markings of proposed locations should be made in white, in accordance with the generally-accepted universal color code for facilities identification (AWMA 4/99):

- White: Proposed Excavation or Drilling location
- Pink: Temporary Survey Markings
- Red: Electrical Power Lines, Cables, Conduit and Lighting Cables
- Yellow: Gas, Oil, Steam, Petroleum or Gaseous Materials
- Orange: Communication, Alarm or Signal Lines, Cables or Conduits
- Blue: Potable Water
- Purple: Reclaimed Water, Irrigation and Slurry Lines
- Green: Sewers and Drain Lines

In order to effectively evaluate the proposed locations with these entities, detailed, accurate measurements between the proposed locations and existing surface features should be obtained. Such features can be buildings, street intersections, utility poles, guardrails, etc.

Obtaining the utility clearance generally involves the designated “One-Call” underground facilities protection organization for the area and the landowner and one or both following entities:

- A third-party utility locator company will be utilized to locate underground utilities outside of the public right-of-way; and/or
- “Soft dig” excavation techniques to confirm or deny the presence of underground utilities in the area.

The proposed locations should be evaluated in light of information available for existing underground facilities. The detailed measurement information described above will be required by the “one call” agency. The owners of the applicable, participating underground utilities are obligated to mark their respective facilities at the site in the colors described above. Utility stake-out activities will typically not commence for approximately 72 hours after the initial request is made.

The public and private utility entities generally only mark the locations of their respective underground facilities within public rights-of-way. Determination of the locations of these facilities on private property will be the responsibility of the property owner or Contractor. If available information does not contain sufficient detail to locate underground facilities with a reasonable amount of confidence, alternate measures may be appropriate, as described below. In some cases, the memory of a long-time employee of a facility on private property may be the best or only source of information. It is incumbent on the Consultant or Contractor to exercise caution and use good judgement when faced with uncertainty.

*Note: It is important to note that not all utilities are participants in the “one-call” agency or process. As such, inquiries must be made with the “one-call” agency to determine which entities do not participate, so they can be contacted independently.*

Most utility stakeouts have a limited time period for which they remain valid, typically two to three weeks. It is critical that this time period be considered to prevent expiration of clearance prior to completion of the invasive activities, and the need to repeat the stake-out process.

Care must be exercised to document receipt of notice from the involved agencies of the presence or absence of utilities in the vicinity of the proposed locations.

Most agencies will generally provide a telephone or fax communication indicating the lack of facilities in the project area. If contact is not made by all of the agencies identified by the “one-call” process, do not assume that such utilities are not present. Re-contact the “one-call” agency to determine the status.

For complicated sites with multiple proposed locations and multiple utilities, it is advisable to arrange an on-site meeting with utility representatives. This will minimize the potential for miscommunication amongst the involved parties.

Completion of the utility stake out process is not a guarantee that underground facilities will not be encountered in excavations or boreholes; in fact, most “one-call” agencies and individual utilities do not

offer guarantees, nor do they accept liability for damage that might occur. In areas outside the public right-of-way, a utility locating service may be utilized to locate underground utilities. It is advisable that any invasive activities proceed with extreme caution in the upper four to five feet in the event the clearance has failed to identify an existing facility. This may necessitate hand-excavation or probing to confirm potential presence of shallow utilities. If uncertainty exists for any given utility, extra activities can be initiated to solve utility clearance concerns. These options include:

- Screening the proposed work areas with utility locating devices, and/or hiring a utility locating service to perform this task.
- Hand digging, augering or probing to expose or reveal shallow utilities and confirm presence and location. In northern climates, this may require advancing to below frost line, typically at least four feet.
- Using “soft dig” techniques that utilize specialized tools and compressed air to excavate soils and locate utilities. This technique is effective in locating utilities to a depth of four to five feet.

**Equipment/Materials:**

- White Spray paint
- Wooden stakes, painted white or containing white flagging
- Color-code key
- Available drawings

## 4. Field Data Recording

This procedure describes protocol for documenting the investigation activities in the field. Field data serves as the cornerstone for an environmental project, not only for site characterization but for additional phases of investigation or remedial design. Producing defensible data includes proper and appropriate recording of field data as it is obtained in a manner to preserve the information for future use. This procedure provides guidelines for accurate, thorough collection and preservation of written and electronic field data.

Field data to be recorded during the project generally includes, but is not limited to, the following:

- general field observations;
- numeric field measurements and instrument readings;
- quantity estimates;
- sample locations and corresponding sample numbers;
- relevant comments and details pertaining to the samples collected;
- documentation of activities, procedures and progress achieved;
- contractor pay item quantities;
- weather conditions;
- a listing of personnel involved in site-related activities;
- a log of conversations, site meetings and other communications; and,
- field decisions and pertinent information associated with the decisions.

### 4.1 WRITTEN FIELD DATA

Written field data will be collected using a standardized, pre-printed field log form. In general, use of a field log form is preferable as it prompts field personnel to make appropriate observations and record data in a standardized format. This promotes completeness and consistency from one person to the next. Otherwise, electronic data collection using a handheld device produces equal completeness and consistency using a preformatted log form.

In the absence of an appropriate pre-printed form, the data should be recorded in an organized and structured manner in a dedicated project field log book. Log books must be hard cover, bound so that pages cannot be added or removed, and should be made from high-grade 50% rag paper with a water-resistant surface.

The following are guidelines for use of field log forms and log books:

1. Information must be factual and complete.
2. All entries will be made in black indelible ink with a ballpoint pen and will be written legibly. Do not use “rollerball” or felt tip-style pens, since the water-soluble ink can run or smear in the presence of moisture.
3. Field log forms should be consecutively numbered.
4. Each day’s work must start a new form/page.
5. At the end of each day, the current log book page or forms must be signed and dated by the field personnel making the entries.

6. Make data entries immediately upon obtaining the data. Do not make temporary notes in other locations for later transfer; this only increases the potential for error or loss of data.
7. Entry errors are to be crossed out with a single line and initialed by the person making the correction.
8. Do not leave blanks on log forms, if no entry is applicable for a given data field, indicate so with "NA" or a dash ("--").
9. At the earliest practical time, photocopies or typed versions of log forms and log book pages should be made and placed in the project file as a backup in the event the book or forms are lost or damaged.
10. Log books should be dedicated to one project only, i.e., do not record data from multiple projects in one log book.

## 4.2 ELECTRONIC DATA

Electronic data recording involves electronic measurement of field information through the use of monitoring instruments, sensors, gauges, and equipment controls. The following is a list of guidelines for proper recording and management of electronic field data:

1. Field data management should follow requirements of a project-specific data management plan (DMP), if applicable.
2. Use only instruments that have been calibrated in accordance with manufacturer's recommendations.
3. Usage of instruments, controls and computers for the purpose of obtaining field data should only be performed by personnel properly trained and experienced in the use of the equipment and software.
4. Use only fully-licensed software on personal computers and laptops.
5. Loss of electronic files may mean loss of irreplaceable data. Every effort should be made to back up electronic files obtained in the field as soon as practical. A backup file placed on the file server will minimize the potential for loss.
6. Electronic files, once transferred from field instruments or laptops to office computers, should be protected if possible, to prevent unwanted or inadvertent manipulation or modification of data. Several levels of protection are usually available for spreadsheets, including making a file "read-only" or assigning a password to access the file.
7. Protect CD disks from exposure to moisture, excessive heat or cold, magnetic fields, or other potentially damaging conditions.
8. Remote monitoring is often used to obtain stored electronic data from site environmental systems. A thorough discussion of this type of electronic field data recording is beyond the scope of this Section. Such on-site systems are generally capable of storing a limited amount of data as a comma-delimited or spreadsheet file. Users must remotely access the monitoring equipment files via modem or other access and download the data. In order to minimize the potential for loss of data, access and downloading of data should be performed frequently enough to ensure the data storage capacity of the remote equipment is not exceeded.

### Equipment/Materials:

- Appropriate field log forms, or iPad® or equivalent with preformatted log forms.
- Indelible ball point pen (do not use "rollerball" or felt-tip style pens);
- Straight edge;
- Pocket calculator; and,
- Laptop computer (if required).

## 5. Aquifer Characterization

This procedure describes measurement of water levels in groundwater monitoring.

A synoptic gauging round will be completed to obtain water levels in monitoring wells. Water levels will be acquired in a manner that provides accurate data that can be used to calculate vertical and horizontal hydraulic gradients and other hydrogeologic parameters. Accuracy in obtaining the measurements is critical to ensure the usability of the data.

### 5.1 PROCEDURE

In order to provide reliable data, water level monitoring events should be collected over as short a period of time as practical. Barometric pressure can affect groundwater levels and, therefore, observation of significant weather changes during the period of water level measurements must be noted. Rainfall events and groundwater pumping can also affect groundwater level measurements. Personnel collecting water level data must note if any of these controls are in effect during the groundwater level collection period. Due to possible changes during the groundwater level collection period, it is imperative that the time of data collection at each station be accurately recorded. Water levels will also be collected prior to any sample collection that day.

The depth to groundwater will be measured with an electronic depth-indicating probe. Prior to obtaining a measurement, a fixed reference point on the well casing will be established for each well to be measured. Unless otherwise established, the reference point is typically established and marked on the north side of the well casing. Do not use protective casings or flush-mounted road boxes as a reference, due to the potential for damage or settlement. The elevation of the reference point shall be obtained by accepted surveying methods, to the nearest 0.01 ft.

The water level probe will be lowered into the well until the meter indicates (via indicator light or tone) the water is reached. The probe will be raised above water level and slowly lowered again until water is indicated. The cable will be held against the side of the inner protective casing at the point designated for water level measurements and a depth reading taken. This procedure will be followed three times or until a consistent value is obtained. The value will be recorded to the nearest 0.01 feet on the Groundwater Level Monitoring Report form.

Upon completion, the probe will be raised to the surface and together with the amount of cable that entered the well casing, will be decontaminated in accordance with methods described in Equipment Decontamination Procedure.

#### Equipment/Materials:

- Battery-operated, non-stretch electronic water level probe with permanent markings at 0.01 ft. increments, such as the Solinst Model 101 or equivalent.
- The calibrated cable on the depth indicator will be checked against a surveyor's steel tape once per quarter year. A new cable will be installed if the cable has changed by more than 0.01% (0.01 feet for a 100-foot cable). See also the Field Instruments – Use and Calibration Procedure.
- Groundwater Level Monitoring Report form.



## **6. Sample Collection for Laboratory Analysis**

### **6.1 SOIL SAMPLE COLLECTION FOR LABORATORY ANALYSIS**

The following procedure is an introduction to soil sampling techniques and an outline of field staff responsibilities. All samples will be collected with dedicated sampling equipment.

#### **6.1.1 Preparatory Requirements**

Prior to the beginning of any remedial investigation or remedial measures activities, staff must attend a project briefing for the purpose of reviewing the project work plan, site and utility plans, drawings, applicable regulations, sampling location, depth, and criteria, site contacts, and other related documents. Health and safety concerns will be documented in a site-specific Health & Safety Plan.

A file folder for the field activities should be created and maintained such that all relevant documents and log forms likely to be useful for the completion of field activities by others are readily available in the event of personnel changes.

#### **6.1.2 Soil Classification**

The stratigraphic log is a factual description of the soil at the borehole location and is relied upon to interpret the soil characteristics, and their influence and significance in the subsurface environment. The accuracy of the stratigraphic log is to be verified by the person responsible for interpreting subsurface conditions. An accurate description of the soil stratigraphy is essential for a reasonable understanding of the subsurface conditions. Confirmation of the field description by examination of representative soil samples by the project geologist, hydrogeologist, or geotechnical engineer (whenever practicable) is recommended.

The ability to describe and classify soil correctly is a skill that is learned from a person with experience and by systematic training and comparison of laboratory results to field descriptions.

##### **6.1.2.1 Data Recording**

Several methods for classifying and describing soils or unconsolidated sediments are in relatively widespread use. The Unified Soil Classification System (USCS) is the most common. With the USCS, a soil is first classified according to whether it is predominantly coarse-grained or fine-grained.

The description of fill soil is similar to that of natural undisturbed soil except that it is identified as fill and not classified by USCS group, relative density, or consistency. Those logging soils must attempt to distinguish between soils that have been placed (i.e., fill) and not naturally present; or soils that have been naturally present but disturbed (i.e., disturbed native).

It is necessary to identify and group soil samples consistently to determine the subsurface pattern or changes and non-conformities in soil stratigraphy in the field at the time of drilling. The stratigraphy in each borehole during drilling is to be compared to the stratigraphy found at the previously completed boreholes to ensure that pattern or changes in soil stratigraphy are noted and that consistent terminology is used.

Visual examination, physical observations and manual tests (adapted from ASTM D2488, visual-manual procedures) are used to classify and group soil samples in the field and are summarized in this subsection. ASTM D2488 should be reviewed for detailed explanations of the procedures. Visual-manual procedures used for soil identification and classification include:

- visual determination of grain size, soil gradation, and percentage fines;
- dry strength, dilatancy, toughness, and plasticity (thread or ribbon test) tests for identification of inorganic fine-grained soil (e.g., CL, CH, ML, or MH); and
- soil compressive strength and consistency estimates based on thumb indent and pocket penetrometer (preferred) methods.

Soil characteristics like plasticity, strength and dilatancy should be determined using the Haley & Aldrich Soil Identification Field Form.

#### 6.1.2.2 Field Sample Screening

Upon the collection of soil samples, the soil is screened with a photoionization detector (PID) for the presence of organic vapor. This is accomplished by running the PID across the soil sample. The highest reading and sustained readings are recorded.

*Note: The PID measurement must be done upwind of the excavating equipment or any running engines so that exhaust fumes will not affect the measurements.*

Another method of field screening is head space measurements. This consists of placing a portion of the soil sample in a sealable glass jar, placing aluminum foil over the jar top, and tightening the lid. Alternatively, plastic sealable bags may be utilized for field screen in lieu of glass containers. The jar should only be partially filled. Shake the jar and set aside for at least 30 minutes. After the sample has equilibrated, the lid of the jar can be opened; the foil is punctured with the PID probe and the air (headspace) above the soil sample is monitored. This headspace reading on the field form or in the field book is recorded. All head space measurements must be completed under similar conditions to allow comparability of results. Soil classification and PID readings will be recorded in the daily field report.

#### Equipment/Materials:

- Pocket knife or small spatula
- Small handheld lens
- Stratigraphic Log (Overburden) (Form 2001)
- Tape Measure
- When sampling for PFAS, acceptable materials for sampling include stainless steel, high density polyethylene (HDPE), PVC, silicone, acetate, and polypropylene.

#### 6.1.3 Soil Sampling

Soil samples will be collected from acetate liners installed by a track-mounted direct push drill rig (Geoprobe®) operated by a licensed operator. Soil samples will be collected using a stainless-steel trowel or sampling spoon into laboratory provided sample containers. If it is necessary to relocate any proposed sampling location due to terrain, utilities, access, etc., the Project Manager must be notified, and an alternate location will be selected.

Prior to use and between each sampling location at an environmental site, the sampling equipment must be decontaminated. All decontamination must be conducted in accordance with the project specific plans or the methods presented in SOP 7.0.

#### 6.1.4 Sampling Techniques

The following procedure describes typical soil sample collection methods for submission of samples to a laboratory for chemical analysis. The primary goal of soil sampling is to collect representative samples for examination and chemical analysis (if required).

Environmental soil samples obtained for chemical analyses are collected with special attention given to the rationale behind determining the precise zone to sample, the specifics of the method of soil extraction and the requisite decontamination procedures. Preservation, handling and glassware for environmental soil samples varies considerably depending upon several factors including the analytical method to be conducted, and the analytical laboratory being used.

##### 6.1.4.1 Grab Versus Composite Samples

A grab sample is collected to identify and quantify conditions at a specific location or interval. The sample is comprised of the minimum amount of soil necessary to make up the volume of sample dictated by the required sample analyses. Composite samples may be obtained from several locations or along a linear trend (in a test pit or excavation). Sampling may occur within or across stratification.

## 6.2 GROUNDWATER SAMPLE COLLECTION FOR LABORATORY ANALYSIS

The following section describes two techniques for groundwater sampling: "Low Stress/Low Flow Methods" and "Typical Sampling Methods."

"Low Stress/Low Flow" methods will be employed when collecting groundwater samples for the evaluation of volatile constituents (i.e., dissolved oxygen (DO)) or in fine-grained formations where sediment/colloid transport is possible. Analyses typically sensitive to colloidal transport issues include polychlorinated biphenyls (PCBs), polyaromatic hydrocarbons (PAHs) and metals.

The "Typical Sampling Methods" will be employed where the collection of parameters less sensitive to turbidity/sediment issues are being collected (general chemistry, pesticides and other semi-volatile organic compounds (SVOCs)).

*NOTE: If non-aqueous phase liquids (NAPL) (light or dense) are detected in a monitoring well, groundwater sample collection will not be conducted, and the Project Manager must be contacted to determine a course of action.*

### 6.2.1 Preparatory Requirements

- Verify well identification and location using borehole log details and location layout figures. Note the condition of the well and record any necessary repair work required.
- Prior to opening the well cap, measure the breathing space above the well casing with a handheld organic vapor analyzer to establish baseline breathing space VOC levels. Repeat this measurement once the well cap is opened. If either of these measurements exceeds the air quality criteria in the HASP, field personnel should adjust their PPE accordingly.
- Prior to commencing the groundwater purging/sampling, a water level must be obtained to determine the well volume for hydraulic purposes. In some settings, it may be necessary to allow the water level time to equilibrate. This condition exists if a water tight seal exists at the well cap and the water level has fluctuated above the top of screen; creating a vacuum or pressurized area in this air space. Three water level checks will verify static water level conditions have been achieved.
- Calculate the volume of water in the well. Typically overburden well volumes consider only the quantity of water standing in the well screen and riser; bedrock well volumes are calculated on the quantity of water within the open core hole and within the overburden casing.

### 6.2.2 Well Development

Well development is completed to remove fine grained materials from the well but in such a manner as to not introduce fines from the formation into the sand pack. Well development continues until the well responds to water level changes in the formation (i.e., a good hydraulic connection is established between the well and formation) and the well produces clear, sediment-free water to the extent practical.

- Attach appropriate pump and lower tubing into well.
- Gauge well and calculate one well volume. Turn on pump. If well runs dry, shut off pump and allow to recover.
- Surging will be performed by raising and lowering the pump several times to pull fine-grained material from the well. Periodically measure turbidity level using a La Motte turbidity reader.
- The second and third steps will be repeated until turbidity is less than 50 nephelometric turbidity units (NTU) or when 10 well volumes have been removed.
- All water generated during cleaning and development procedures will be collected and contained on site in 55-gallon drums for future analysis and appropriate disposal.

#### Equipment:

- Appropriate health and safety equipment
- Knife
- Power source (generator)
- Field book
- Well Development Form (Form 3006)
- Well keys
- Graduated pails

- Pump and tubing
- Cleaning supplies (including non-phosphate soap, buckets, brushes, laboratory-supplied distilled/deionized water, tap water, cleaning solvent, aluminum foil, plastic sheeting, etc.)
- Water level meter

### 6.2.3 Well Purging and Stabilization Monitoring (Low Stress/Low Flow Method)

The preferred method for groundwater sampling will be the low stress/low flow method described below.

- Slowly lower the pump, safety cable, tubing and electrical lines into the well to the depth specified by the project requirements. The pump intake must be at the midpoint of the well screen to prevent disturbance and resuspension of any sediment in the screen base.
- Before starting the pump, measure the water level again with the pump in the well leaving the water level measuring device in the well when completed.
- Purge the well at 100 to a maximum of 500 milliliters per minute (mL/min). During purging, the water level should be monitored approximately every 5 minutes, or as appropriate. A steady flow rate should be maintained that results in drawdown of 0.3 feet or less. The rate of pumping should not exceed the natural flow rate conditions of the well. Care should be taken to maintain pump suction and to avoid entrainment of air in the tubing. Record adjustments made to the pumping rates and water levels immediately after each adjustment.
- During the purging of the well, monitor and record the field indicator parameters (pH, temperature, conductivity, oxidation-reduction (redox) reaction potential (ORP), dissolved oxygen (DO), and turbidity) approximately every five minutes. Stabilization is considered to be achieved when the final groundwater flow rate is achieved, and three consecutive readings for each parameter are within the following limits:
  - pH: 0.1 pH units of the average value of the three readings;
  - Temperature: 3 percent of the average value of the three readings;
  - Conductivity: 0.005 milliSiemen per centimeter (mS/cm) of the average value of the three readings for conductivity <1 mS/cm and 0.01 mS/cm of the average value of the three readings for conductivity >1 mS/cm;
  - ORP: 10 millivolts (mV) of the average value of the three readings;
  - DO: 10 percent of the average value of the three readings; and
  - Turbidity: 10 percent of the average value of the three readings, or a final value of less than 50 nephelometric turbidity units (NTU).
- The pump must not be removed from the well between purging and sampling.

#### 6.2.4 Sampling Techniques

- If an alternate pump is utilized, the first pump discharge volumes should be discarded to allow the equipment a period of acclimation to the groundwater.
- Samples are collected directly from the pump with the groundwater being discharged directly into the appropriate sample container. Avoid handling the interior of the bottle or bottle cap and don new gloves for each well sampled to avoid contamination of the sample.
- Order of sample collection:
  - Polyfluoroalkyl substances (PFAS)
  - Volatile organic compounds (VOC)
  - 1,4-Dioxane
  - Semi-volatile organic compounds (SVOC)
  - Total Analyte List (TAL) metals
- No sampling equipment components or sample containers should come in contact with aluminum foil, low density polyethylene, glass, or polytetrafluoroethylene (PTFE, Teflon™) materials including plumbers' tape and sample bottle cap liners with a PTFE layer.
- For low stress/low flow sampling, samples should be collected at a flow rate between 100 and 500 mL/min and such that drawdown of the water level within the well does not exceed the maximum allowable drawdown of 0.3 feet.
- The pumping rate used to collect a sample for VOC should not exceed 100 mL/min. Samples should be transferred directly to the final container 40 mL glass vials completely full and topped with a Teflon cap. Once capped the vial must be inverted and tapped to check for headspace/air presence (bubbles). If air is present, the sample will be discarded, and recollected until free of air.
- All samples must be labeled with:
  - A unique sample number
  - Date and time
  - Parameters to be analyzed
  - Project Reference ID
  - Sampler's initials
- Labels should be written in indelible ink and secured to the bottle with clear tape.

#### Equipment/Materials:

- pH meter, conductivity meter, DO meter, ORP meter, nephelometer, temperature gauge
- Field filtration units (if required)
- Purging/sampling equipment
  - Peristaltic Pump
- Water level probe

- Sampling materials (containers, log book/forms, coolers, chain of custody)
- Work Plan
- Health and Safety Plan
- When sampling for PFAS, acceptable materials for sampling include stainless steel, HDPE, PVC, silicone, acetate, and polypropylene.

*Note: Peristaltic pump use for VOC collection is not acceptable on NYSDEC/EPA/RCRA sites; this technique has gained acceptance in select areas where it is permissible to collect VOCs using a peristaltic pump at a low flow rate (e.g., Michigan).*

*Note: 1,4-Dioxane and PFAS purge and sample techniques will be conducted following the NYSDEC guidance documents (see Appendix C of the RIWP). Acceptable groundwater pumps include stainless steel inertia pump with HDPE tubing, peristaltic pump equipped with HDPE tubing and silicone tubing, stainless steel bailer with stainless steel ball or bladder pump (identified as PFAS-free) with HDPE tubing.*

#### **Field Notes:**

- Field notes must document all the events, equipment used, and measurements collected during the sampling activities. Section 2.0 describes the data/recording procedure for field activities.
- The log book should document the following for each well sampled:
  - Identification of well
  - Well depth
  - Static water level depth and measurement technique
  - Sounded well depth
  - Presence of immiscible layers and detection/collection method
  - Well yield – high or low
  - Purge volume and pumping rate
  - Time well purged
  - Measured field parameters
  - Purge/sampling device used
  - Well sampling sequence
  - Sampling appearance
  - Sample odors
  - Sample volume
  - Types of sample containers and sample identification
  - Preservative(s) used
  - Parameters requested for analysis
  - Field analysis data and method(s)
  - Sample distribution and transporter
  - Laboratory shipped to
  - Chain of custody number for shipment to laboratory
  - Field observations on sampling event
  - Name collector(s)
  - Climatic conditions including air temperature
  - Problems encountered and any deviations made from the established sampling protocol.



A standard log form for documentation and reporting groundwater purging and sampling events are presented on the Groundwater Sampling Record, Low Flow Groundwater Sampling Form, and Low Flow Monitored Natural Attenuation (MNA) Field Sampling Form. Refer to Appendix A for example field forms.

#### **Groundwater/Decon Fluid Disposal:**

- Groundwater disposal methods will vary on a case-by-case basis but may range from:
  - Off-site treatment at private treatment/disposal facilities or public owned treatment facilities
  - On-site treatment at Facility operated facilities
  - Direct discharge to the surrounding ground surface, allowing groundwater infiltration to the underlying subsurface regime
- Decontamination fluids should be segregated and collected separately from wash waters/groundwater containers.

### **6.3 SUB-SLAB/SOIL VAPOR SAMPLING**

The following procedure is an introduction to soil vapor sampling techniques and an outline of field staff responsibilities.

#### **6.3.1 Preparatory Requirements**

Prior to collecting the field sample, ensure the stainless steel soil vapor probe has been installed to the desired depth and sealed completely to the surface using a material such as bentonite. As part of the vapor intrusion evaluation, a tracer gas should be used in accordance with NYSDOH protocols to serve as a quality assurance/quality control (QA/QC) device to verify the integrity of the soil vapor probe seal. A container (box, plastic pail, etc.) will serve to keep the tracer gas in contact with the probe during testing. A portable monitoring device will be used to analyze a sample of soil vapor for the tracer gas prior to sampling. If the tracer sample results show a significant presence of the tracer, the probe seals will be adjusted to prevent infiltration. At the conclusion of the sampling round, tracer monitoring should be performed a second time to confirm the integrity of the probe seals.

#### **6.3.2 Sampling Techniques**

Samples will be collected in appropriately sized Summa canisters that have been certified clean by the laboratory and samples will be analyzed by using USEPA Method TO-15. Flow rate for both purging and sampling will not exceed 0.2 L/min. One to three implant volumes shall be purged prior to the collection of any soil-gas samples. A sample log sheet will be maintained summarizing sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples are collected, apparent moisture content of the sampling zone, and chain of custody protocols.

### **6.4 INDOOR AIR AND AMBIENT AIR SAMPLING**

The following procedure is an introduction to indoor air and ambient air sampling techniques and an outline of field staff responsibilities.

#### **6.4.1 Preparatory Requirements**

Confirmatory PID readings will be recorded prior to sampling.

#### **6.4.2 Sampling Techniques**

Indoor and ambient air sampling will be conducted in general accordance with the applicable procedures described in the NYSDOH VI Guidance Document. Samples will be collected in appropriately sized Summa canisters that have been certified clean by the laboratory and samples will be analyzed by using USEPA Method TO-15. One 8-hour duration sample will be collected of indoor air and one of ambient air. A sample log sheet will be maintained summarizing sample identification, date and time of sample collection, identity of samplers, sampling methods and devices, vacuum of canisters before and after the samples are collected, and chain of custody protocols.

## 6.5 SAMPLE HANDLING AND SHIPPING

Sample management is the continuous care given to each sample from the point of collection to receipt at the analytical laboratory. Good sample management ensures that samples are properly recorded, properly labeled, and not lost, broken, or exposed to conditions which may affect the sample's integrity.

All sample submissions must be accompanied with a chain of custody (COC) document to record sample collection and submission. Personnel performing sampling tasks must check the sample preparation and preservation requirements to ensure compliance with the Quality Assurance Project Plan.

The following sections provide the minimum standards for sample management.

### 6.5.1 Sample Handling

Prior to entering the field area where sampling is to be conducted, especially at sites with defined exclusion zones, the sampler should ensure that all materials necessary to complete the sampling are on hand. If samples must be maintained at a specified temperature after collection, dedicated coolers and ice must be available for use. Conversely, when sampling in cold weather, proper protection of water samples, trip blanks, and field blanks must be considered. Sample preservation will involve pH adjustment, cooling to 4°C, and sample filtration and preservation.

### 6.5.2 Sample Labeling

Samples must be properly labeled immediately upon collection.

Note that the data shown on the sample label is the minimum data required. The sample label data requirements are listed below for clarity.

- Project name
- Sample name/number/unique identifier
- Sampler's initials
- Date of sample collection
- Time of sample collection
- Analysis required
- Preservatives

To ensure that samples are not confused, a clear notation should be made on the container with a permanent marker. If the containers are too soiled for marking, the container can be put into a "zip lock" bag which can then be labeled.

All sample names will be as follows:

- Sample unique identifier: Enter the sample name or number. There should be NO slashes, spaces or periods in the date.
- Date: Enter the six-digit date when the sample was collected. Note that for one-digit days, months, and/or years, add zeros so that the format is MMDDYY (050210). There should be NO slashes, dashes, or periods in the date.

The QA/QC samples will be numbered consecutively as collected with a sample name, date and number of samples collected throughout the day (i.e., when multiple QA/QC samples are collected in one day).

Examples of this naming convention are as follows:

| Sample Name:   | Comments        |
|----------------|-----------------|
| TB-050202-0001 | TRIP BLANK      |
| TB-050202-0002 | TRIP BLANK      |
| FD-050202-0001 | FIELD DUPLICATE |
| FD-050202-0002 | FIELD DUPLICATE |

*NOTE: The QA/QC Sample # resets to 0001 EACH DAY, this will avoid having to look back to the previous day for the correct sequential number.*

### 6.5.3 Field Code

The field code will be written in the 'Comments' field on the chain of custody for EVERY sample but will not be a part of the actual sample name. Enter the one/two-character code for type of sample (must be in CAPITALS):

|    |                                                                                              |
|----|----------------------------------------------------------------------------------------------|
| N  | Normal Field Sample                                                                          |
| FD | Field Duplicate (note sample number (i.e., 0001) substituted for time)                       |
| TB | Trip Blank (note sample number (i.e., 0001) substituted for time)                            |
| EB | Equipment Blank (note sample number (i.e., 0001) substituted for time)                       |
| FB | Field Blank (note sample number (i.e., 0001) substituted for time)                           |
| KD | Known Duplicate                                                                              |
| FS | Field Spike Sample                                                                           |
| MS | Matrix Spike Sample (note on 'Comments' field of COC – laboratory to spike matrix.           |
| MD | Matrix Spike Duplicate Sample (note on 'Comments' field of COC – laboratory to spike matrix. |
| RM | Reference Material                                                                           |

The sample labeling – both chain and sample bottles must be EXACTLY as detailed above. In addition, the Field Sample Key for each sample collected must be filled out.

### 6.5.4 Packaging

Sample container preparation and packing for shipment should be completed in a well-organized and clean area, free of any potential cross contamination. The following is a list of standard guidelines which must be followed when packing samples for shipment.

- Double bag ice in "Zip Lock" bags.
- Double check to ensure trip and temperature blanks have been included for all shipments containing VOCs, or where otherwise specified in the QAPP.
- Enclose the Chain of Custody form in a "Zip Lock" bag.
- Ensure custody seals (two, minimum) are placed on each cooler. Coolers with hinged lids should have both seals placed on the opening edge of the lid. Coolers with "free" lids should have seals placed on opposite diagonal corners of the lid. Place clear tape over custody seals.

- Containers should be wiped clean of all debris/water using paper towels (paper towels must be disposed of with other contaminated materials).
- Clear, wide packing tape should be placed over the sample label for protection.
- Do not bulk pack. Each sample must be individually padded.
- Large glass containers (1 liter and up) require much more space between containers.
- Ice is not a packing material due to the reduction in volume when it melts.

*Note: Never store sterile sample containers in enclosures containing equipment which use any form of fuel or volatile petroleum-based product. When conducting sampling in freezing conditions at sites without a heated storage area (free of potential cross contaminants), unused trip blanks should be isolated from coolers immediately after receipt. Trip blanks should be double bagged and kept from freezing.*

#### 6.5.5 Chain-of-Custody Records

Chain of custody (COC) forms will be completed for all samples collected. The form documents the transfer of sample containers. The COC record, completed at the time of sampling, will contain, but not be limited to, the sample number, date and time of sampling, and the name of the sampler. The COC document will be signed and dated by the sampler when transferring the samples.

Each sample cooler being shipped to the laboratory will contain a COC form. The cooler will be sealed properly for shipment. The laboratory will maintain a copy for their records. One copy will be returned with the data deliverables package.

The following list provides guidance for the completion and handling of all COCs:

- COCs used should be a Haley & Aldrich standard form or supplied by the analytical laboratory.
- COCs must be completed in black ball point ink only.
- COCs must be completed neatly using printed text.
- If a simple mistake is made, cross out the error with a single line and initial and date the correction.
- Each separate sample entry must be sequentially numbered.
- If numerous repetitive entries must be made in the same column, place a continuous vertical arrow between the first entry and the next different entry.
- When more than one COC form is used for a single shipment, each form must be consecutively numbered using the "Page \_\_\_\_ of \_\_\_\_" format.
- If necessary, place additional instructions directly onto the COC in the Comment Section. Do not enclose separate instructions.
- Include a contact name and phone number on the COC in case there is a problem with the shipment.
- Before using an acronym on a COC, clearly define the full interpretation of your designation [i.e., polychlorinated biphenyls (PCBs)].

#### 6.5.6 Shipment

Prior to the start of the field sampling, the carrier should be contacted to determine if pickup will be at the field site location. If pick-up is not available at the Site, the nearest pick-up or drop off location should be determined. Sample shipments must not be left at unsecured drop locations.

Copies of all shipment manifests must be maintained in the field file.

## 7. Field Instruments – Use and Calibration

A significant number of field activities involve usage of electronic instruments to monitor for environmental conditions and health and safety purposes. It is imperative the instruments are used and maintained properly to optimize their performance and minimize the potential for inaccuracies in the data obtained. This section provides guidance on the usage, maintenance and calibration of electronic field equipment.

- All monitoring equipment will be in proper working order and operated in accordance with manufacturer's recommendations.
- Field personnel will be responsible for ensuring that the equipment is maintained and calibrated in the field in accordance with manufacturer's recommendations.
- Instruments will be operated only by personnel trained in the proper usage and calibration.
- Personnel must be aware of the range of conditions such as temperature and humidity for instrument operation. Usage of instruments in conditions outside these ranges will only proceed with approval of the Project Manager and/or Health and Safety Officer as appropriate.
- Instruments that contain radioactive source material, such as x-ray fluorescence (XRF) analyzers or moisture-density gauges require specific transportation, handling and usage procedures that are generally associated with a license from the Nuclear Regulatory Commission (NRC) or an NRC-Agreement State. Under no circumstance will operation of such instruments be allowed on site unless by properly authorized and trained personnel, using the proper personal dosimetry badges or monitoring instruments.

### 7.1 GENERAL PROCEDURE DISCUSSION

Care must be taken to minimize the potential for transfer of contaminated materials to the ground or onto other materials. Regardless of the size or nature of the equipment being decontaminated, the process will utilize a series of steps that involve removal of gross material (dirt, grease, oil etc.), washing with a detergent, and multiple rinsing steps. In lieu of a series of washes and rinse steps, steam cleaning with low-volume, high-pressure equipment (i.e., steam cleaner) is acceptable.

Exploration equipment, and all monitoring equipment in contact with the sampling media must be decontaminated prior to initiating site activities, in between exploration locations to minimize cross-contamination, and prior to mobilizing off site after completion of site work.

The following specific decontamination procedure is recommended for sampling equipment and tools:

- Brush loose soil off equipment;
- Wash equipment with laboratory grade detergent (i.e., Alconox or equivalent);
- Rinse with tap water;
- Rinse equipment with distilled water;
- Allow water to evaporate before reusing equipment; and
- Wrap equipment in aluminum foil when not being used.

## 7.2 DECONTAMINATION OF MONITORING EQUIPMENT

Because monitoring equipment is difficult to decontaminate, care should be exercised to prevent contamination. Sensitive monitoring instruments should be protected when they are at risk of exposure to contaminants. This may include enclosing them in plastic bags allowing an opening for the sample intake. Ventilation ports should not be covered.

If contamination does occur, decontamination of the equipment will be required; however, immersion in decontamination fluids is not possible. As such, care must be taken to wipe the instruments down with detergent-wetted wipes or sponges, and then with de-ionized water-wetted wipes or sponges.

## 7.3 DISPOSAL OF WASH SOLUTIONS AND CONTAMINATED EQUIPMENT

All contaminated wash water, rinses, solids and materials used in the decontamination process that cannot be effectively decontaminated (such as polyethylene sheeting) will be containerized and disposed of in accordance with applicable regulations. All containers will be labeled with an indelible marker as to contents and date of placement in the container, and any appropriate stickers required (such as PCBs). Storage of decontamination wastes on site will not exceed 90 days under any circumstances.

### **Equipment/Materials:**

Decontamination equipment and solutions are generally selected based on ease of decontamination and disposability.

- Polyethylene sheeting;
- Metal racks to hold equipment;
- Soft-bristle scrub brushes or long-handle brushes for removing gross contamination and scrubbing with wash solutions;
- Large galvanized wash tubs, stock tanks, or wading pools for wash and rinse solutions;
- Plastic buckets or garden sprayers for rinse solutions;
- Large plastic garbage cans or other similar containers lined with plastic bags can be used to store contaminated clothing;
- Contaminated liquids and solids should be segregated and containerized in DOT-approved plastic or metal drums, appropriate for offsite shipping/disposal if necessary.



## 8. Investigation Derived Waste Disposal

### 8.1 RATIONALE/ASSUMPTIONS

This procedure applies to the disposition of investigation derived waste (IDW) including soils and/or groundwater. IDW is dealt with the following "Best Management Practices" and is not considered a listed waste due to the lack of generator knowledge concerning chemical source, chemical origin, and timing of chemical introduction to the subsurface.

Consequently, waste sampling and characterization is performed to determine if the wastes exhibit a characteristic of hazardous waste. The disposal of soil cuttings, test pit soils and/or purged groundwater will be reviewed on a case by case basis prior to initiation of field activities. Two scenarios typically exist:

- When no information is available in the area of activity or investigation, and impacted media/soils are identified. Activities such as new construction and /or maintenance below grade may encounter environmental conditions that were unknown.
- Disposal Required/Containerization Required – When sufficient Site information regarding the investigative Site conditions warrant that all materials handled will be contained and disposed.

If a known listed hazardous and/or characteristically hazardous waste/contaminated environmental media is being handled, then handling must be performed in accordance with RCRA Subtitle C (reference 2, Part V, Section 1(a),(b),(c)).

The following outlines the waste characterization procedures to be employed when IDW disposal is required.

The following procedure describes the techniques for characterization of IDW for disposal purposes. IDW may consist of soil cuttings (augering, boring, well installation soils, test pit soils), rock core or rock flour (from coring, reaming operations), groundwater (from well development, purging and sampling activities), decontamination fluids, personal protective equipment (PPE), and disposal equipment (DE).

### 8.2 PROCEDURE

The procedures for handling and characterization of field activity generated wastes are:

- A.) Soil Cuttings - Soils removed from boring activities will be contained within an approved container, suitable for transportation and disposal.
- Once placed into the approved container, any free - liquids (i.e., groundwater) will be removed for disposal as waste fluids or solidified within the approved container using a solidification agent such as Speedy Dri (or equivalent).
  - Contained soils will be screened for the presence of Volatile Organic Compounds (VOCs), using a Photo ionization detector (PID); this data will be logged for future reference.

- Once screened, full and closed; the container will be labeled and placed into the container storage area. At a minimum, the following information will be shown on each container label: date of filling/generation, Site name, source of soils (i.e., borehole or well), and contact.
- Prior to container closure, representative samples from the containers will be collected for waste characterization purposes and submitted to the project laboratory.
- Typically, at a location where an undetermined site-specific parameter group exists, sampling and analysis may consist of the full RCRA Waste Characterization (ignitability, corrosivity, reactivity, toxicity), or a subset of the above based upon data collected, historical information, and generator knowledge.

B.) Groundwater - purging, and sampling groundwater, which requires disposal, will be contained.

- Containment may be performed in 55-gallon drums, tanks suitable for temporary storage (i.e., Nalgene tanks 500 to 1,000 gallons) or if large volumes of groundwater are anticipated, tanker trailer (5,000 to 10,000 gallons  $\pm$ ), or drilling "Frac" tanks may be utilized (20,000 gallons  $\pm$ ). In all cases the container/tank used for groundwater storage must be clean before use such that cross contamination does not occur.

C.) Decon Waters/Decon Fluids - Decon waters and/or fluids will be segregated, contained, and disposed accordingly.

- Decon waters may be disposed of with the containerized groundwater once analytical results have been acquired.

D.) PPE/DE – A number of disposal options exists for spent PPE/DE generated from investigation tasks. The options typically employed are:

- Immediately disposed of within on-Site dumpster/municipal trash; or
- If known to be contaminated with RCRA hazardous waste, dispose off-Site at a RCRA Subtitle C facility.
- Spent Solvent/Acid Rinses - The need for sampling must be determined in consultation with the waste management organization handling the materials. If known that only the solvent and/or acids are present, then direct disposal/treatment using media specific options may be possible without sampling (i.e., incineration).
- PPE/DE – Typically not sampled and included with the disposal of the solid wastes.

#### **Equipment/Materials:**

- Sample spoons, trier, auger,
- Sample mixing bowl,
- Sampling bailer, or pump,
- Sample glassware.

## References

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4. ASTM D6000 Guide for Presentation of Water Level Information from Ground Water Sites
5. ASTM D5474: Guide for Selection of Data Elements for Groundwater Investigations
6. ASTM D4696: Guide for Pore-liquid Sampling from the Vadose Zone
7. ASTM D5979: Guide for Conceptualization and Characterization of Groundwater Systems
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**APPENDIX A**  
Field Forms

## EQUIPMENT CALIBRATION LOG

**Project:****Location:****Model Name:****Model Number:****Serial Number:**

**Cal. Standards:**

**Instruments will be calibrated in accordance with manufacturer's recommendations at least once per day.**

[illegible]**Other Comments:**

Location:

Well ID: \_\_\_\_\_

Date: \_\_\_\_\_

Start Time: \_\_\_\_\_

Finished Time: \_\_\_\_\_

Initial Depth to Water: \_\_\_\_\_ Purging Device: \_\_\_\_\_

Well Depth: \_\_\_\_\_ Tubing present in well? \_\_\_\_\_

Depth to top of screen: \_\_\_\_\_ Tubing type: \_\_\_\_\_

Depth to bottom of screen: \_\_\_\_\_

Depth of Pump Intake: \_\_\_\_\_

[illegible]

**Comments:**



## SAMPLE IDENTIFICATION KEY

Page of

PROJECT \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 CLIENT \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_

**H&A FILE NO.** \_\_\_\_\_  
**PROJECT MGR.** \_\_\_\_\_

[illegible]

Notes:

**Common Sample Type Codes:**

|                               |                    |                    |               |                 |                            |
|-------------------------------|--------------------|--------------------|---------------|-----------------|----------------------------|
| N Normal Environmental Sample | WG Groundwater     | WS Surface Water   | SO Soil       | GS Soil Gas     | SE Sediment                |
| WQ Water for Quality Control  | FD Field Duplicate | EB Equipment Blank | TB Trip Blank | MS Matrix Spike | MSD Matrix Spike Duplicate |

see Memorandum dated 08/08/05 from Melanie Satanek "Sample Labeling for Submission to Analytical Laboratory" for less common codes

# DAILY FIELD REPORT

Page of

Project

Report No.

## Location

Date

## Client

Page

**Contractor**

File No.

## Weather

### Temperature

Field Representative(s)

**Time on site**

Report/Travel/OtherTotal hours

**Distribution:**

Haley &amp; Aldrich, Inc.

**BORING NO.**

Page 1 of

DATE FINISHED

[illegible]

## Summary

|                         |       |
|-------------------------|-------|
| Overburden (Linear ft.) | _____ |
| Rock Cored (Linear ft.) | _____ |
| Number of Samples       | _____ |

BORING NO.

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification

## **APPENDIX B**

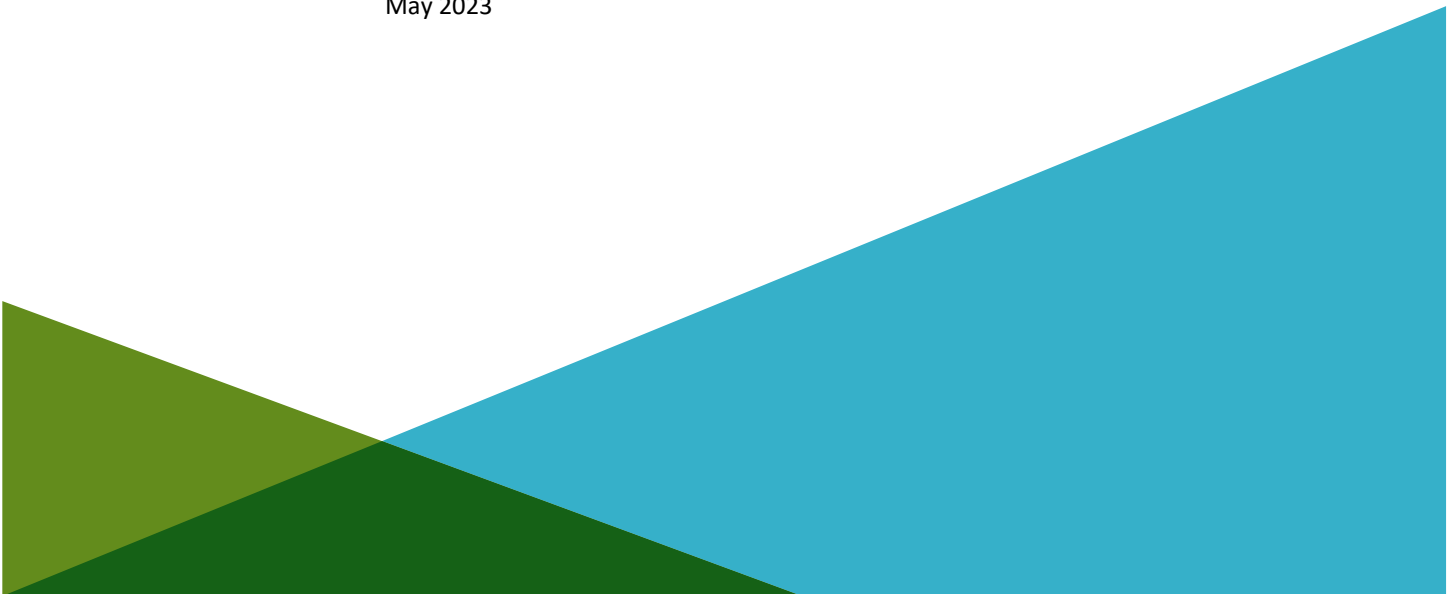
### **Quality Assurance Project Plan**

QUALITY ASSURANCE PROJECT PLAN  
808-834 METROPOLITAN AVENUE  
BROOKLYN, NEW YORK

by  
Haley & Aldrich of New York  
New York, New York

for  
Upton Metropolitan LLC  
4403 15<sup>th</sup> Avenue, Suite 137  
Brooklyn, New York 11219

File No. 0205563  
May 2023



## **Executive Summary**

This Quality Assurance Project Plan outlines the scope of the quality assurance and quality control activities associated with the site monitoring activities associated with the Remedial Investigation Work Plan for 808-834 Metropolitan Avenue in Brooklyn, New York (Site).

Protocols for sample collection, sample handling and storage, chain-of-custody procedures, and laboratory and field analyses are described herein or specifically referenced to related project documents.

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# 1. Project Description

This Quality Assurance Project Plan (QAPP) has been prepared as a component of the Remedial Investigation Work Plan (RIWP) and Supplemental RIWP (SRIWP) for 808-834 Metropolitan Avenue in Brooklyn, New York (Site).

## 1.1 PROJECT OBJECTIVES

The primary objective for data collection activities is to collect sufficient data necessary to characterize the subsurface conditions at the Site and determine the nature and extent of contamination.

## 1.2 SITE DESCRIPTION AND HISTORY

The general Site description and Site history is provided in the Site Description and History Summary that accompanies the RIWP appended to the Brownfield Cleanup Program application for the Site and incorporated herein by reference.

## 1.3 LABORATORY PARAMETERS

The laboratory parameters for soil include:

- Target Compound List volatile organic compounds (VOCs) using EPA method 8260B
- Target Compound List semi-volatile organic compounds (SVOCs) using EPA method 8270C
- Total Analyte List (TAL) Metals using EPA method 6010
- TCL Pesticides using EPA method 8081B
- Polychlorinated biphenyls (PCBs) using EPA method 8082
- Per- and polyfluoroalkyl substances (PFAS) using EPA method 1633
- 1,4-Dioxane using EPA method 8260B

The laboratory parameters for groundwater include:

- Target Compound List VOCs using EPA method 8260C
- Target Compound List SVOCs using EPA method 8270C
- TAL Metals using EPA method 6010
- PFAS using EPA method 1633
- 1,4-Dioxane using EPA method 8260B

*Note: 1,4-Dioxane and PFAS sampling techniques will be conducted following the NYSDEC Collection of Groundwater Samples for PFAS from Monitoring Wells Sample Protocol.*

During the collection of groundwater samples, pH, specific conductivity, temperature, dissolved oxygen (DO), and oxidation/reduction potential (ORP) will be measured until stabilized.

The analytical laboratory parameters for soil vapor samples include:

- VOCs using EPA method TO-15

Laboratory parameters for disposal samples will be determined by the disposal facility after an approved facility has been determined.

#### **1.4      SAMPLING LOCATIONS**

The RIWP and SRIWP provides the locations of soil borings, soil vapor implants and groundwater monitoring wells that will be sampled (as applicable).

## **2. Project Organization and Responsibilities**

This section defines the roles and responsibilities of the individuals who will perform the RIWP monitoring activities. A NYSDOH certified analytical laboratory will perform the analyses of environmental samples collected at the Site.

### **2.1 MANAGEMENT RESPONSIBILITIES**

The Project Manager is responsible for managing the implementation of the RIWP/ and monitoring and coordinating the collection of data. The Project Manager is responsible for technical quality control (QC) and project oversight. The Project Manager responsibilities include the following:

- Acquire and apply technical and corporate resources as needed to ensure performance within budget and schedule restraints;
- Review work performed to ensure quality, responsiveness, and timeliness;
- Communicate with the client point of contact concerning the progress of the monitoring activities;
- Assure corrective actions are taken for deficiencies cited during audits of RIWP monitoring activities; and,
- Assure compliance with Site health and safety plan.

### **2.2 QUALITY ASSURANCE RESPONSIBILITIES**

The Quality Assurance (QA) team will consist of a QA Officer and the Data Validation Staff. QA responsibilities are described as follows:

#### **2.2.1 Quality Assurance Officer**

The QA Officer reports directly to the Project Manager and will be responsible for overseeing the review of field and laboratory data. Additional responsibilities include the following:

- Assure the application and effectiveness of the QAPP by the analytical laboratory and the project staff;
- Provide input to the Project Manager as to corrective actions that may be required as a result of the above-mentioned evaluations; and,
- Prepare and/or review data validation and audit reports.

The QA Officer will be assisted by the Data Validation staff in the evaluation and validation of field and laboratory generated data.

#### **2.2.2 Data Validation Staff**

The Data Validation Staff will be independent of the laboratory and familiar with the analytical procedures performed. The validation will include a review of each validation criterion as prescribed by the guidelines presented in Section 9.2 of this document and be presented in a Data Usability Summary Report (DUSR) for submittal to the QA Officer.

## **2.3 LABORATORY RESPONSIBILITIES**

Laboratory services in support of the RIWP monitoring include the following personnel:

### **2.3.1 Laboratory Project Manager**

The Laboratory Project Manager will report directly to the QA Officer and Project Manager and will be responsible for ensuring all resources of the laboratory are available on an as-required basis. The Laboratory Project Manager will also be responsible for the approval of the final analytical reports.

### **2.3.2 Laboratory Operations Manager**

The Laboratory Operations Manager will report to the Laboratory Project Manager and will be responsible for coordinating laboratory analysis, supervising in-house chain-of-custody reports, scheduling sample analyses, overseeing data review and overseeing preparation of analytical reports.

### **2.3.3 Laboratory QA Officer**

The Laboratory QA Officer will have sole responsibility for review and validation of the analytical laboratory data. The Laboratory QA Officer will provide Case Narrative descriptions of any data quality issues encountered during the analyses conducted by the laboratory. The QA Officer will also define appropriate QA procedures, overseeing QA/QC documentation.

### **2.3.4 Laboratory Sample Custodian**

The Laboratory Sample Custodian will report to the Laboratory Operations Manager and will be responsible for the following:

- Receive and inspect the incoming sample containers;
- Record the condition of the incoming sample containers;
- Sign appropriate documents;
- Verify chain-of-custody and its correctness;
- Notify the Project Manager and Operations Manager of sample receipt and inspection;
- Assign a unique identification number and enter each into the sample receiving log;
- Initiate transfer of samples to laboratory analytical sections; and,
- Control and monitor access/storage of samples and extracts.

### **2.3.5 Laboratory Technical Personnel**

The Laboratory Technical Personnel will have the primary responsibility in the performance of sample analysis and the execution of the QA procedures developed to determine the data quality. These activities will include the proper preparation and analysis of the project samples in accordance with the laboratory's Quality Assurance Manual (QAM) and associated Standard Operating Procedures (SOP).

## **2.4 FIELD RESPONSIBILITIES**

### **2.4.1 Field Coordinator**

The Field Coordinator is responsible for the overall operation of the field team and reports directly to the Project Manager. The Field Coordinator works with the project Health & Safety Officer (HSO) to conduct operations in compliance with the project Health & Safety Plan (HASP). The Field Coordinator will facilitate communication and coordinate efforts between the Project Manager and the field team members.

Other responsibilities include the following:

- Develop and implement field-related work plans, ensuring schedule compliance, and adhering to management-developed project requirements;
- Coordinate and manage field staff;
- Perform field system audits;
- Oversee QC for technical data provided by the field staff;
- Prepare and approve text and graphics required for field team efforts;
- Coordinate and oversee technical efforts of subcontractors assisting the field team;
- Identify problems in the field; resolve difficulties in consultation with the Project QAO, and Project Manager; implement and document corrective action procedures; and,
- Participate in preparation of the final reports.

### **2.4.2 Field Team Personnel**

Field Team Personnel will be responsible for the following:

- Perform field activities as detailed in the RIWP and in compliance with the Field Sampling Plan (FSP) and QAPP.
- Immediately report any accidents and/or unsafe conditions to the Site HSO and take reasonable precautions to prevent injury.



### 3. Sampling Procedures

The FSP provides the SOPs for sampling required by the RIWP. Sampling will be conducted in general accordance with the NYSDEC Technical Guidance for Site Investigation and Remediation (DER-10) and the Sampling, Analysis and Assessment of PFAS under NYSDEC Part 375 Remedial Program when applicable.

#### 3.1 SAMPLE CONTAINERS

Sample containers for each sampling task will be provided by the laboratory performing the analysis. The containers will be cleaned by the manufacturer to meet or exceed the analyte specifications established in the USEPA, “Specifications and Guidance for Obtaining Contaminant-Free Sample Containers”, April 1992, OSWER Directive #9240.0-0.5A. Certificates of analysis for each lot of sample containers used will be maintained by the laboratory.

The appropriate sample containers, preservation method, maximum holding times, and handling requirements for each sampling task are provided in Table I.

#### 3.2 SAMPLE LABELING

Each sample will be labeled with a unique sample identifier that will facilitate tracking and cross-referencing of sample information. Equipment rinse blank and field duplicate samples also will be numbered with a unique sample identifier to prevent analytical bias of field QC samples.

Refer to the FSP for the sample labeling procedures.

#### 3.3 FIELD QC SAMPLE COLLECTION

##### 3.3.1 Field Duplicate Sample Collection

###### 3.3.1.1 *Water Samples*

Field duplicate samples will be collected by filling the first sample container to the proper level and sealing and then repeated for the second set of sample container.

1. The samples are properly labeled as specified in Section 3.2.
2. Steps 1 through 4 are repeated for the bottles for each analysis. The samples are collected in order of decreasing analyte volatility as detailed in Section 3.3.1.
3. Chain-of-custody documents are executed.
4. The samples will be handled as specified in Table I.

###### 3.3.1.2 *Soil Samples*

Soil field duplicates will be collected as specified in the following procedure:

1. Soils will be sampling directly from acetate liners.

2. Soil for VOC analysis will be removed from the sampling device as specified in the FSP.
3. Soil for non-VOC analysis will be removed from the sampling device and collected into clean laboratory provided containers.

## 4. Custody Procedures

Sample custody is addressed in three parts: field sample collection, laboratory analysis and final project files. Custody of a sample begins when it is collected by or transferred to an individual and ends when that individual relinquishes or disposes of the sample.

A sample is under custody if:

1. The item is in actual possession of a person;
2. The item is in the view of the person after being in actual possession of the person;
3. The item was in actual possession and subsequently stored to prevent tampering; or
4. The item is in a designated and identified secure area.

### 4.1 FIELD CUSTODY PROCEDURES

Field personnel will keep written records of field activities on applicable preprinted field forms or in a bound field notebook to record data collecting activities. These records will be written legibly in ink and will contain pertinent field data and observations. Entry errors or changes will be crossed out with a single line, dated, and initialed by the person making the correction. Field forms and notebooks will be periodically reviewed by the Field Coordinator.

The beginning of each entry in the logbook or preprinted field form will contain the following information:

- Date;
- Start time;
- Weather;
- Names of field personnel (including subcontractors);
- Level of personal protection used at the Site; and,
- Names of all visitors and the purpose of their visit.

For each measurement and sample collected, the following information will be recorded:

- Detailed description of sample location;
- Equipment used to collect sample or make measurement and the date equipment was calibrated;
- Time sample was collected;
- Description of the sample conditions;
- Depth sample was collected (if applicable);
- Volume and number of containers filled with the sample; and,
- Sampler's identification.

#### 4.1.1 Field Procedures

The following procedure describes the process to maintain the integrity of the samples:

- Upon collection samples are placed in the proper containers. In general, samples collected for organic analysis will be placed in pre-cleaned glass containers and samples collected for inorganic analysis will be placed in pre-cleaned plastic (polyethylene) bottles. Refer to the FSP for sample packaging procedures.
- Samples will be assigned a unique sample number and will be affixed to a sample label. Refer to the FSP for sample labeling procedures.
- Samples will be properly and appropriately preserved by field personnel in order to minimize loss of the constituent(s) of interest due to physical, chemical or biological mechanisms.
- Appropriate volumes will be collected to ensure that the appropriate reporting limits can be successfully achieved and that the required QC sample analyses can be performed.

#### 4.1.2 Transfer of Custody and Shipment Procedures

- A chain-of-custody (COC) record will be completed at the time of sample collection and will accompany each shipment of project samples to the laboratory. The field personnel collecting the samples will be responsible for the custody of the samples until the samples are relinquished to the laboratory. Sample transfer will require the individuals relinquishing and receiving the samples to sign, date and note the time of sample transfer on the COC record.
- Samples will be shipped or delivered in a timely fashion to the laboratory so that holding times and/or analysis times as prescribed by the methodology can be met.
- Samples will be transported in containers (coolers) which will maintain the refrigeration temperature for those parameters for which refrigeration is required in the prescribed preservation protocols.
- Samples will be placed in an upright position and limited to one layer of samples per cooler. Additional bubble wrap or packaging material will be added to fill the cooler. Shipping containers will be secured with strapping tape and custody tape for shipment to the laboratory.
- When samples are split with the NYSDEC representatives, a separate chain-of-custody will be prepared and marked to indicate with whom the samples are shared. The person relinquishing the samples will require the representative's signature acknowledging sample receipt.
- If samples are sent by a commercial carrier, a bill of lading will be used. A copy of the bill of lading will be retained as part of the permanent record. Commercial carriers will not sign the custody record as long as the custody record is sealed inside the sample cooler and the custody tape remains intact.
- Samples will be picked up by a laboratory courier or transported to the laboratory the same day they are collected unless collected on a weekend or holiday. In these cases, the samples will be

stored in a secure location until delivery to the laboratory. Additional ice will be added to the cooler as needed to maintain proper preservation temperatures.

#### **4.2 LABORATORY CHAIN-OF-CUSTODY PROCEDURES**

A sample custodian will be designated by the laboratory and will have the responsibility to receive all incoming samples. Once received, the custodian will document if the sample is received in good condition (i.e., unbroken, cooled, etc.) and that the associated paperwork, such as chain-of-custody forms have been completed. The custodian will sign the chain-of-custody forms.

The custodian will also document if sufficient sample volume has been received to complete the analytical program. The sample custodian will then place the samples into secure, limited access storage (refrigerated storage, if required). The sample custodian will assign a unique number to each incoming sample for use in the laboratory. The unique number will then be entered into the sample-receiving log with the verified time and date of receipt also noted.

Consistent with the analyses requested on the chain-of-custody form, analyses by the laboratory's analysts will begin in accordance with the appropriate methodologies. Samples will be removed from secure storage with internal chain-of-custody sign-out procedures followed.

#### **4.3 STORAGE OF SAMPLES**

Empty sample bottles will be returned to secure and limited access storage after the available volume has been consumed by the analysis. Upon completion of the entire analytical work effort, samples will be disposed of by the sample custodian. The length of time that samples are held will be at least thirty (30) days after reports have been submitted. Disposal of remaining samples will be completed in compliance with all Federal, State and local requirements.

#### **4.4 FINAL PROJECT FILES CUSTODY PROCEDURES**

The final project files will be the central repository for all documents with information relevant to sampling and analysis activities as described in this QAPP. The Haley & Aldrich Project Manager will be the custodian of the project file. The project files including all relevant records, reports, logs, field notebooks, pictures, subcontractor reports and data reviews will be maintained in a secured, limited access area and under custody of the Project Director or his designee.

The final project file will include the following:

- Project plans and drawings;
- Field data records;
- Sample identification documents and soil boring/monitoring well logs;
- All chain-of-custody documentation;
- Correspondence;
- References, literature;
- Laboratory data deliverables;
- Data validation and assessment reports;
- Progress reports, QA reports; and,
- A final report.

The laboratory will be responsible for maintaining analytical logbooks, laboratory data and sample chain of custody documents. Raw laboratory data files and copies of hard copy reports will be inventoried and maintained by the laboratory for a period of six years at which time the laboratory will contact the Haley & Aldrich Project Manager regarding the disposition of the project related files.

## **5. Calibration Procedures and Frequency**

### **5.1 FIELD INSTRUMENT CALIBRATION PROCEDURES**

Several field instruments will be used for both on-site screening of samples and for health and safety monitoring, as described in the HASP. On-site air monitoring for health and safety purposes may be accomplished using a vapor detection device, such as a Photo-ionization Detector (PID).

Field instruments will be calibrated at the beginning of each day and checked during field activities to verify performance. Instrument specific calibration procedures will be performed in accordance with the instrument manufacturer's requirements.

### **5.2 LABORATORY INSTRUMENT CALIBRATION PROCEDURES**

Reference materials of known purity and quality will be utilized for the analysis of environmental samples. The laboratory will carefully monitor the preparation and use of reference materials including solutions, standards, and reagents through well-documented procedures.

All solid chemicals and acids/bases used by the laboratory will be rated as "reagent grade" or better. All gases will be "high" purity or better. All Standard Reference Materials (SRMs) or Performance Evaluation (PE) materials will be obtained from approved vendors of the National Institute of Standards and Technology (formerly National Bureau of Standards), the U.S. EPA Environmental Monitoring Support Laboratories (EMSL), or reliable Cooperative Research and Development Agreement (CRADA) certified commercial sources.

## 6. Analytical Procedures

Analytical procedures to be utilized for analysis of environmental samples will be based on referenced USEPA analytical protocols and/or project specific SOP.

### 6.1 FIELD ANALYTICAL PROCEDURES

Field analytical procedures include the measurement of pH, temperature, ORP, DO and specific conductivity during sampling of groundwater, and the qualitative measurement of VOC during the collection of soil samples.

### 6.2 LABORATORY ANALYTICAL PROCEDURES

Laboratory analyses will be based on the USEPA methodology requirements promulgated in:

- "Test Methods for Evaluating Solid Waste," SW-846 EPA, Office of Solid Waste, and promulgated updates, 1986.

#### 6.2.1 List of Project Target Compounds and Laboratory Detection Limits

The laboratory reporting limits (RLs) and associated method detection limits (MDLs) for the target analytes and compounds for the environmental media to be analyzed are presented in Table I. MDLs have been experimentally determined by the project laboratory using the method provided in 40 CFR, Part 136 Appendix B.

Laboratory parameters for soil samples are listed in the RIWP. Laboratory parameters for disposal samples will be determined by the disposal facility after an approved facility has been determined.

#### 6.2.2 List of Method Specific Quality Control Criteria

The laboratory SOPs include a section that presents the minimum QC requirements for the project analyses. Section 7.0 references the frequency of the associated QC samples for each sampling effort and matrix.



## 7. Internal Quality Control Checks

This section presents the internal QC checks that will be employed for field and laboratory measurements.

### 7.1 FIELD QUALITY CONTROL

#### 7.1.1 Field Blanks

Internal QC checks will include analysis of field blanks to validate equipment cleanliness. Whenever possible, dedicated equipment will be employed to reduce the possibility of cross-contamination of samples.

#### 7.1.2 Trip Blanks

Trip blanks samples will be prepared by the project laboratory using ASTM Type II or equivalent water placed within pre-cleaned 40 milliliter (ml) VOC vials equipped with Teflon septa. Trip blanks will accompany each sample delivery group (SDG) of environmental samples collected for analysis of VOCs.

Trip blank samples will be placed in each cooler that stores and transports project samples that are to be analyzed for VOCs.

### 7.2 LABORATORY PROCEDURES

Procedures which contribute to maintenance of overall laboratory quality assurance and control include appropriately cleaned sample containers, proper sample identification and logging, applicable sample preservation, storage, and analysis within prescribed holding times, and use of controlled materials.

#### 7.2.1 Field Duplicate Samples

The precision or reproducibility of the data generated will be monitored through the use of field duplicate samples. Field duplicate analysis will be performed at a frequency of 1 in 20 project samples.

Precision will be measured in terms of the absolute value of the relative percent difference (RPD) as expressed by the following equation:

$$RPD = [|R1-R2|/[(R1+R2)/2]] \times 100\%$$

Acceptance criteria for duplicate analyses performed on solid matrices will be 100% and aqueous matrices will be 35%. RPD values outside these limits will require an evaluation of the sampling and/or analysis procedures by the project QA Officer and/or laboratory QA Director. Corrective actions may include re-analysis of additional sample aliquots and/or qualification of the data for use.

### 7.2.2 Matrix Spike Samples

Ten percent of each project sample matrix for each analytical method performed will be spiked with known concentrations of the specific target compounds/analytes.

The amount of the compound recovered from the sample compared to the amount added will be expressed as a percent recovery. The percent recovery of an analyte is an indication of the accuracy of an analysis within the site-specific sample matrix. Percent recovery will be calculated for matrix spike and matrix spike duplicate (MS/MSD) samples using the following equation.

$$\% \text{ Recovery} = \frac{\text{Spiked Sample} - \text{Background}}{\text{Known Value of Spike}} \times 100\%$$

If the QC value falls outside the control limits (UCL or LCL) due to sample matrix effects, the results will be reported with appropriate data qualifiers. To determine the effect a non-compliant MS recovery has on the reported results, the recovery data will be evaluated as part of the validation process.

### 7.2.3 Laboratory Control Sample Analyses

The laboratory will perform Laboratory Control Sample (LCS) analyses prepared from SRMs. The SRMs will be supplied from an independent manufacturer and traceable to NIST materials with known concentrations of each target analyte to be determined by the analytical methods performed. In cases where an independently supplied SRM is not available, the LCS may be prepared by the laboratory from a reagent lot other than that used for instrument calibration.

The laboratory will evaluate LCS analyses in terms of percent recovery using the most recent laboratory generated control limits.

LCS recoveries that do not meet acceptance criteria will be deemed invalid. Analysis of project samples will cease until an acceptable LCS analysis has been performed. If sample analysis is performed in association with an out-of-control LCS sample analysis, the data will be deemed invalid.

Corrective actions will be initiated by the Haley & Aldrich QA Officer and/or Laboratory QA Officer to investigate the problem. After the problem has been identified and corrected, the solution will be noted in the instrument run logbook and re-analysis of project samples will be performed, if possible.

The analytical anomaly will be noted in the sample delivery group (SDG) Case Narrative and reviewed by the data validator. The data validator will confirm that appropriate corrective actions were implemented and recommend the applicable use of the affected data.

### 7.2.4 Surrogate Compound/Internal Standard Recoveries

For VOCs, surrogates will be added to each sample prior to analysis to establish purge and trap efficiency. Quantitation will be accomplished via internal standardization techniques.

The recovery of surrogate compounds and internal standards will be monitored by laboratory personnel to assess possible site-specific matrix effects on instrument performance.

For SVOC analyses, surrogates will be added to the raw sample to assess extraction efficiency. Internal standards will be added to all sample extracts and instrument calibration standard immediately before analysis for quantitation via internal standardization techniques.

Method specific QC limits are provided in the attached laboratory method SOPs. Surrogate compound/internal standard recoveries that do not fall within accepted QC limits for the analytical methodology performed will have the analytical results flagged with data qualifiers as appropriate by the laboratory and will not be noted in the laboratory report Case Narrative.

To ascertain the effect non-compliant surrogate compound/internal standard recoveries may have on the reported results, the recovery data will be evaluated as part of the validation process. The data validator will provide recommendations for corrective actions including but not limited to additional data qualification.

#### **7.2.5 Calibration Verification Standards**

Calibration verification (CV) standards will be utilized to confirm instrument calibrations and performance throughout the analytical process. CV standards will be prepared as prescribed by the respective analytical protocols. Continuing calibration will be verified by compliance with method-specific criteria prior to additional analysis of project samples.

Non-compliant analysis of CV standards will require immediate corrective action by the project laboratory QA officer and/or designated personnel. Corrective action may include re-analysis of each affected project sample, a detailed description of the problem, the corrective action undertaken, the person who performed the action, and the resolution of the problem.

#### **7.2.6 Laboratory Method Blank Analyses**

Method blank sample analysis will be performed as part of each analytical batch for each methodology performed. If target compounds are detected in the method blank samples, the reported results will be flagged by the laboratory in accordance with standard operating procedures. The data validator will provide recommendations for corrective actions including but not limited to additional data qualification.

## **8. Data Quality Objectives**

Sampling that will be performed as described in the RIWP is designed to produce data of the quality necessary to achieve the minimum standard requirements of the field and laboratory analytical objectives described below. These data are being obtained with the primary objective to assess levels of contaminants of concern associated with the Site.

The overall project data quality objective (DQO) is to implement procedures for field data collection, sample collection, handling, and laboratory analysis and reporting that achieve the project objectives. The following section is a general discussion of the criteria that will be used to measure achievement of the project DQO.

### **8.1 PRECISION**

#### **8.1.1 Definition**

Precision is defined as a quantitative measure of the degree to which two or more measurements are in agreement. Precision will be determined by collecting and analyzing field duplicate samples and by creating and analyzing laboratory duplicates from one or more of the field samples. The overall precision of measurement data is a mixture of sampling and analytical factors. The analytical results from the field duplicate samples will provide data on sampling precision. The results from duplicate samples created by the laboratory will provide data on analytical precision. The measurement of precision will be stated in terms of RPD.

#### **8.1.2 Field Precision Sample Objectives**

Field precision will be assessed through collection and measurement of field duplicate samples at a rate of 1 duplicate per 20 investigative samples. The RPD criteria for the project field duplicate samples will be +/- 100% for soil, +/- 35 % for groundwater for parameters of analysis detected at concentrations greater than 5 times (5X) the laboratory RL.

#### **8.1.3 Laboratory Precision Sample Objectives**

Laboratory precision will be assessed through the analysis of LCS and laboratory control duplicate samples (LCS/LCSD) and MS/MSD samples for groundwater and soil samples and the analysis of laboratory duplicate samples for air and soil vapor samples. Air and soil vapor laboratory duplicate sample analyses will be performed by analyzing the same SUMMA canister twice. The RPD criteria for the air/soil vapor laboratory duplicate samples will be +/- 35 % for parameters of analysis detected at concentrations greater than 5 times (5X) the laboratory RL.

### **8.2 ACCURACY**

#### **8.2.1 Definition**

Accuracy relates to the bias in a measurement system. Bias is the difference between the observed and the "true" value. Sources of error are the sampling process, field contamination, preservation techniques, sample handling, sample matrix, sample preparation and analytical procedure limitations.

### **8.2.2 Field Accuracy Objectives**

Sampling bias will be assessed by evaluating the results of field equipment rinse and trip blanks. Equipment rinse and trip blanks will be collected as appropriate based on sampling and analytical methods for each sampling effort.

If non-dedicated sampling equipment is used, equipment rinse blanks will be collected by passing ASTM Type II water over and/or through the respective sampling equipment utilized during each sampling effort. One equipment rinse blank will be collected for each type of non-dedicated sampling equipment used for the sampling effort. Equipment rinse blanks will be analyzed for each target parameter for the respective sampling effort for which environmental media have been collected. (Note: If dedicated or disposable sampling equipment is used, equipment rinse samples will not be collected as part of that field effort.)

Trip blank samples will be prepared by the laboratory and provided with each shipping container that includes containers for the collection of groundwater samples for the analysis of VOC. Trip blank samples will be analyzed for each VOC for which groundwater samples have been collected for analysis.

### **8.3 LABORATORY ACCURACY OBJECTIVES**

Analytical bias will be assessed through the use of laboratory control samples (LCS) and Site-specific matrix spike (MS) sample analyses. LCS analyses will be performed with each analytical batch of project samples to determine the accuracy of the analytical system.

One set of MS/MSD analyses will be performed with each batch of 20 project samples collected for analysis to assess the accuracy of the identification and quantification of analytes within the Site-specific sample matrices. Additional sample volume will be collected at sample locations selected for the preparation of MS/MSD samples so that the standard laboratory RLs are achieved.

The accuracy of analyses that include a sample extraction procedure will be evaluated through the use of system monitoring or surrogate compounds. Surrogate compounds will be added to each sample, standard, blank, and QC sample prior to sample preparation and analysis. Surrogate compound percent recoveries will provide information on the effect of the sample matrix on the accuracy of the analyses.

## **8.4 REPRESENTATIVENESS**

### **8.4.1 Definition**

Representativeness expresses the degree to which sample data represent a characteristic of a population, a parameter variation at a sampling point or an environmental condition. Representativeness is a qualitative parameter that is dependent upon the design of the sampling program. The representativeness criterion is satisfied through the proper selection of sampling locations, the quantity of samples and the use of appropriate procedures to collect and analyze the samples.

### **8.4.2 Measures to Ensure Representativeness of Field Data**

Representativeness will be addressed by prescribing sampling techniques and the rationale used to select sampling locations. Sampling locations may be biased (based on existing data, instrument surveys, observations, etc.) or unbiased (completely random or stratified-random approaches).

## **8.5 COMPLETENESS**

### **8.5.1 Definition**

Completeness is a measure of the amount of valid (usable) data obtained from a measuring system compared to the total amount of the anticipated to be obtained. The completeness goal for all data uses is that a sufficient amount of valid data be generated so that determinations can be made related to the intended data use with a sufficient degree of confidence.

### **8.5.2 Field Completeness Objectives**

Completeness is a measure of the amount of valid measurements obtained from measurements taken in this project versus the number planned. Field completeness objective for this project will be greater than (>) 90%.

### **8.5.3 Laboratory Completeness Objectives**

Laboratory data completeness objective is a measure of the amount of valid data obtained from laboratory measurements. The evaluation of the data completeness will be performed at the conclusion of each sampling and analysis effort.

The completeness of the data generated will be determined by comparing the amount of valid data, based on independent validation, with the total laboratory data set. The completeness goal will be >90%.

## **8.6 COMPARABILITY**

### **8.6.1 Definition**

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared to another.

### 8.6.2 Measures to Ensure Comparability of Laboratory Data

Comparability of laboratory data will be measured from the analysis of SRM obtained from either EPA Cooperative Research and Development Agreement (CRADA) suppliers or the National Institute of Standards and Technology (NIST). The reported analytical data will also be presented in standard units of mass of contaminant within a known volume of environmental media. The standard units for various sample matrices are as follows:

- Solid Matrices – mg/kg of media (Dry Weight).
- Aqueous Matrices – ng/L for PFAS analyses, ug/L of media for organic analyses, and mg/L for inorganic analyses.

### 8.7 LEVEL OF QUALITY CONTROL EFFORT

If non-dedicated sampling equipment is used, equipment rinse blanks will be prepared by field personnel and submitted for analysis of target parameters. Equipment rinse blank samples will be analyzed to check for potential cross-contamination between sampling locations that may be introduced during the investigation. One equipment rinse blank will be collected per sampling event to the extent that non-dedicated sampling equipment is used.

If necessary, A separate equipment rinse blank sample will be collected for PFAS using the sample collection procedure described in Section 8.1.1 of the NYSDEC-approved Avangrid Field Sampling Plan. (Note: If dedicated or disposable sampling equipment is used, equipment rinse samples will not be collected as part of that field effort.)

Trip blanks will be used to assess the potential for contamination during sample storage and shipment. Trip blanks will be provided with the sample containers to be used for the collection of groundwater samples for the analysis of VOC. Trip blanks will be preserved and handled in the same manner as the project samples. One trip blank will be included along with each shipping container containing project samples to be analyzed for VOC.

Method blank samples will be prepared by the laboratory and analyzed concurrently with all project samples to assess potential contamination introduced during the analytical process.

Field duplicate samples will be collected and analyzed to determine sampling and analytical reproducibility. One field duplicate will be collected for every 20 or fewer investigative samples collected for off-Site laboratory analysis.

Matrix spikes will provide information to assess the precision and accuracy of the analysis of the target parameters within the environmental media collected. One MS/MSD will be collected for every 20 or fewer investigative samples per sample matrix.

(Note: Soil MS/MSD samples require triple sample volume for VOC only. Aqueous MS/MSD samples require triple the normal sample volume for VOC analysis and double the volume for the remaining parameters.)

## 9. Data Reduction, Validation and Reporting

Data generated by the laboratory operation will be reduced and validated prior to reporting in accordance with the following procedures:

### 9.1 DATA REDUCTION

#### 9.1.1 Field Data Reduction Procedures

Field data reduction procedures will be minimal in scope compared to those implemented in the laboratory setting. The pH, conductivity, temperature, turbidity, DO, ORP and breathing zone VOC readings collected in the field will be generated from direct read instruments. The data will be written into field logbooks immediately after measurements are taken. If errors are made, data will be legibly crossed out, initialed and dated by the field member, and corrected in a space adjacent to the original entry.

#### 9.1.2 Laboratory Data Reduction Procedures

Laboratory data reduction procedures are provided by the appropriate chapter of USEPA, "Test Methods for Evaluating Solid Waste", SW-846, Third Edition. Errors will be noted; corrections made with the original notations crossed out legibly. Analytical results for soil samples will be calculated and reported on a dry weight basis.

#### 9.1.3 Quality Control Data

QC data (e.g., laboratory duplicates, surrogates, matrix spikes, and matrix spike duplicates) will be compared to the method acceptance criteria. Data determined to be acceptable will be entered into the laboratory information management system.

Unacceptable data will be appropriately qualified in the project report. Case narratives will be prepared which will include information concerning data that fell outside acceptance limits and any other anomalous conditions encountered during sample analysis.

### 9.2 DATA VALIDATION

Data validation procedures of the analytical data will be performed by the Haley & Aldrich QA Officer or designee using the following documents as guidance for the review process:

- "U.S. EPA National Functional Guidelines for Organic Data Review", and the "U.S. EPA National Functional Guidelines for Inorganic Data Review".
- The specific data qualifiers used will be applied to the reported results as presented and defined in the EPA National Functional Guidelines. Validation will be performed by qualified personnel at the direction of the Haley & Aldrich QAO. Tier 1 data validation (the equivalent of USEPA's Stage 2A validation) will be performed to evaluate data quality.



- The completeness of each data package will be evaluated by the Data Validator. Completeness checks will be administered on all data to determine that the deliverables are consistent with the NYSDEC ASP Category A and Category B data package requirements. The validator will determine whether the required items are present and request copies of missing deliverables (if necessary) from the laboratory.

### 9.3 DATA REPORTING

Data reporting procedures will be carried out for field and laboratory operations as indicated below:

- **Field Data Reporting:** Field data reporting will be conducted principally through the transmission of report sheets containing tabulated results of measurements made in the field and documentation of field calibration activities.
- **Laboratory Data Reporting:** The laboratory data reporting package will enable data validation based on the protocols described above. The final laboratory data report format will include the QA/QC sample analysis deliverables to enable the development of a data usability summary report (DUSR) based on Department DER-10 Appendix 2B.

## **10. Performance and System Audits**

A performance audit is an independent quantitative comparison with data routinely obtained in the field or the laboratory. Performance audits include two separate, independent parts: internal and external audits.

### **10.1 FIELD PERFORMANCE AND SYSTEM AUDITS**

#### **10.1.1 Internal Field Audit Responsibilities**

Internal audits of field activities will be initiated at the discretion of the Project Manager and will include the review of sampling and field measurements. The audits will verify that all procedures are being followed. Internal field audits will be conducted periodically during the project. The audits will include examination of the following:

- Field sampling records, screening results, instrument operating records;
- Sample collection;
- Handling and packaging in compliance with procedures;
- Maintenance of QA procedures; and,
- Chain-of-custody reports.

#### **10.1.2 External Field Audit Responsibilities**

External audits may be conducted by the Project Coordinator at any time during the field operations. These audits may or may not be announced and are at the discretion of the NYSDEC. The external field audits can include (but are not limited to) the following:

- Sampling equipment decontamination procedures;
- Sample bottle preparation procedures;
- Sampling procedures;
- Examination of health and safety plans;
- Procedures for verification of field duplicates; and,
- Field screening practices.

### **10.2 LABORATORY PERFORMANCE AND SYSTEM AUDITS**

#### **10.2.1 Internal Laboratory Audit Responsibilities**

The laboratory system audits are typically conducted by the laboratory QA Officer or designee on an annual basis. The system audit will include an examination of laboratory documentation including sample receiving logs, sample storage, chain-of-custody procedures, sample preparation and analysis and instrument operating records.

At the conclusion of internal system audits, reports will be provided to the laboratory's operating divisions for appropriate comment and remedial/corrective action where necessary. Records of audits and corrective actions will be maintained by the Laboratory QA Officer.

### 10.2.2 External Laboratory Audit Responsibilities

External audits will be conducted as required, by the NYSDOH or designee. External audits may include any of the following:

- Review of laboratory analytical procedures;
- Laboratory on-site visits; and,
- Submission of performance evaluation samples for analysis.

Failure of any of the above audit procedures can lead to laboratory de-certification. An audit may consist of but not limited to:

- Sample receipt procedures;
- Custody, sample security and log-in procedures;
- Review of instrument calibration logs;
- Review of QA procedures;
- Review of log books;
- Review of analytical SOPs; and,
- Personnel interviews.

A review of a data package from samples recently analyzed by the laboratory can include (but not be limited to) the following:

- Comparison of resulting data to the SOP or method;
- Verification of initial and continuing calibrations within control limits;
- Verification of surrogate recoveries and instrument timing results;
- Review of extended quantitation reports for comparisons of library spectra to instrument spectra, where applicable; and,
- Assurance that samples are run within holding times.

## **11. Preventive Maintenance**

### **11.1 FIELD INSTRUMENT PREVENTIVE MAINTENANCE**

The field equipment preventive maintenance program is designed to ensure the effective completion of the sampling effort and to minimize equipment down time. Program implementation is concentrated in three areas:

- Maintenance responsibilities;
- Maintenance schedules; and,
- Inventory of critical spare parts and equipment.

The maintenance responsibilities for field equipment will be assigned to the task leaders in charge of specific field operations. Field personnel will be responsible for daily field checks and calibrations and for reporting any problems with the equipment. The maintenance schedule will follow the manufacturer's recommendations. In addition, the field personnel will be responsible for determining that an inventory of spare parts will be maintained with the field equipment. The inventory will primarily contain parts that are subject to frequent failure, have limited useful lifetimes and/or cannot be obtained in a timely manner.

### **11.2 LABORATORY INSTRUMENT PREVENTIVE MAINTENANCE**

Analytical instruments at the laboratory will undergo routine and/or preventive maintenance. The extent of the preventive maintenance will be a function of the complexity of the equipment.

Generally, annual preventive maintenance service will involve cleaning, adjusting, inspecting and testing procedures designed to deduce instrument failure and/or extend useful instrument life. Between visits, routine operator maintenance and cleaning will be performed according to manufacturer's specifications by laboratory personnel.

## 12. Specific Routine Procedures Used to Assess Data Precision, Accuracy, and Completeness

### 12.1 FIELD MEASUREMENTS

Field generated information will be reviewed by the Field Coordinator and typically include evaluation of bound logbooks/forms, data entry and calculation checks. Field data will be assessed by the Project Coordinator who will review the field results for compliance with the established QC criteria that are specified in Section 7.0 of this QAPP. The accuracy of pH and specific conductance will be assessed using daily instrument calibration, calibration check, and blank data. Accuracy will be measured by determining the percent recovery (% R) of calibration check standards. Precision of the pH and specific conductance measurements will be assessed on the basis of the reproducibility of duplicate readings of a field sample and will be measured by determining the RPD. Accuracy and precision of the soil VOC screening will be determined using duplicate readings of calibration checks. Field data completeness will be calculated using the following equation:

$$\text{Completeness} = \frac{\text{Valid (usable) Data Obtained}}{\text{Total Data Planned}} \times 100$$

### 12.2 LABORATORY DATA

Surrogate, internal standard and matrix spike recoveries will be used to evaluate data quality. The laboratory QA/QC program will include the following elements:

- Precision, in terms of RPD, will be determined by relative sample analysis at a frequency of one duplicate analysis for each batch of ten project samples or a frequency of 10%. RPD is defined as the absolute difference of duplicate measurements divided by the mean of these analyses normalized to percentage.
- Accuracy, in terms of percent recovery (recovery of known constituent additions or surrogate recoveries), will be determined by the analysis of spiked and unspiked samples. MS/MSD will be used to determine analytical accuracy. The frequency of MS/MSD analyses will be one project sample MS/MSD per set of 20 project samples.
- One method blank will be prepared and analyzed with each batch of project samples. The total number of method blank sample analyses will be determined by the laboratory analytical batch size.
- SRMs will be used for each analysis. Sources of SRM's include the U.S. EPA, commercially available material from CRADA certified vendors and/or laboratory produced solutions. SRMs, when available and appropriate, will be processed and analyzed on a frequency of one per set of samples.
- Completeness is the evaluation of the amount of valid data generated versus the total set of data produced from a particular sampling and analysis event. Valid data is determined by independent confirmation of compliance with method-specific and project-specific data quality

objectives. The calculation of data set completeness will be performed by the following equation.

$$\frac{\text{Number of Valid Sample Results}}{\text{Total Number of Samples Planned}} \times 100 = \% \text{ Complete}$$

### **13. Quality Assurance Reports**

Critically important to the successful implementation of the QA Plan is a reporting system that provides the means by which the program can be reviewed, problems identified, and programmatic changes made to improve the plan.

QA reports to management can include:

- Audit reports, internal and external audits with responses;
- Performance evaluation sample results; internal and external sources; and,
- Daily QA/QC exception reports/corrective actions.

QA/QC corrective action reports will be prepared by the Haley & Aldrich QA Officer when appropriate and presented to the project and/or laboratory management personnel so that performance criteria can be monitored for all analyses from each analytical department. The updated trend/QA charts prepared by the laboratory QA personnel will be distributed and reviewed by various levels of the laboratory management.

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## TABLES

**TABLE I****SUMMARY OF ANALYSIS METHOD, PRESERVATION METHOD, HOLDING TIME, SAMPLE SIZE REQUIREMENTS AND SAMPLE CONTAINERS**

808-834 Metropolitan Avenue  
Brooklyn NY

| Analysis/Method                      | Sample Type | Preservation                                 | Holding Time         | Volume/Weight | Container                                 |
|--------------------------------------|-------------|----------------------------------------------|----------------------|---------------|-------------------------------------------|
| Volatile Organic Compounds/8260C     | Soil        | 1 - 1 Vial MeOH/2 Vial Water, Cool, 4 ± 2 °C | 14 days <sup>1</sup> | 120 mL        | 3 - 40ml glass vials                      |
| Semivolatile Organic Compounds/8270D | Soil        | Cool, 4 ± 2 °C                               | 14 days              | 250 mL        | 1 - 8 oz Glass                            |
| Pesticides (8081B)                   | Soil        | Cool, 4 ± 2 °C                               | 14 days              | 250 mL        | 1 - 8 oz Glass                            |
| Polychlorinated Biphenyls/8082A      | Soil        | Cool, 4 ± 2 °C                               | 14 days              | 250 mL        | 1 - 8 oz Glass                            |
| Metals/6010D                         | Soil        | Cool, 4 ± 2 °C                               | 180 days             | 60 mL         | 1 - 2 oz Glass                            |
| PFAS 1633                            | Soil        | Cool, 4 ± 2 °C                               | 90 days              | 250 mL        | 1 - 8 oz Glass                            |
| 1,4-Dioxane 8270                     | Soil        | Cool, 4 ± 2 °C                               | 14 days              | 250 mL        | 1 - 8 oz Glass                            |
| Volatile Organic Compounds/8260C     | Groundwater | HCl, Cool, 4 ± 2 °C                          | 14 days              | 120 mL        | 3 - 40ml glass vials                      |
| Semivolatile Organic Compounds/8270D | Groundwater | Cool, 4 ± 2 °C                               | 7 days               | 500 mL        | 2 - 250 mL amber glass                    |
| TAL Metals 6020                      | Groundwater | HNO <sub>3</sub> Cool, 4 ± 2 °C              | 180 days             | 500 mL        | 1 - 500 mL plastic bottle                 |
| PFAS 1633                            | Groundwater | H <sub>2</sub> O Cool, 4 ± 2 °C              | 28 days              | 1,000 mL      | 2 - Teflon free 500 ml plastic containers |
| 1,4-Dioxane 8270                     | Groundwater | Cool, 4 ± 2 °C                               | 7 days               | 500 mL        | 1 - 500 mL plastic bottle                 |
| Volatile Organic Compounds/TO-15     | Soil Vapor  | N/A                                          | 30 days              | 2.7 - 6 L     | 1 2.7 or 6 L Summa Canister               |

**Notes:**

1. Terracores and encores must be frozen within 48 hours of collection
2. Refer to text for additional information.

## **APPENDIX C**

### **Health and Safety Plan**



**HALEY & ALDRICH, INC.  
SITE-SPECIFIC SAFETY PLAN**

FOR

808-834 Metropolitan Avenue

Brooklyn, New York

Project/File No. 0204923

Gensuite EZ Scan®



BI - Developers

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**Prepared By: Matthew Levy**

**Date: 7/15/2022**

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**Approvals: The following signatures constitute approval of this Health & Safety Plan.**

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A handwritten signature in blue ink, appearing to read 'Brian Ferguson'.

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**Field Safety Manager: Brian Ferguson**

**Date: 2/14/2022**

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A handwritten signature in blue ink, appearing to read 'Matthew Levy'.

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**Project Manager: Matthew Levy**

**Date: 7/15/2022**

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**HASP Valid Through: 12-31-2022**

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## STOP WORK AUTHORITY

In accordance with Haley & Aldrich (Haley & Aldrich) Stop Work Authority Operating Procedure (OP1035), any individual has the right to refuse to perform work that he or she believes to be unsafe without fear of retaliation. He or she also has the authority, obligation, and responsibility to stop others from working in an unsafe manner.

**STOP Work Authority** is the stop work policy for all personnel and subcontractors on the Site. When work has been stopped due to an unsafe condition, Haley & Aldrich site management (e.g., Project Manager [PM], Site Health & Safety Officer [SHSO], etc.) and the Haley & Aldrich Senior Project Manager (SPM) will be notified immediately.

Reasons for issuing a stop work order include, but are not limited to:

- The belief/perception that injury to personnel or accident causing significant damage to property or equipment is imminent.
- A Haley & Aldrich subcontractor is in breach of site safety requirements and/or their own site HASP.
- Identifying a substandard condition (e.g., severe weather) or activity that creates an unacceptable safety risk as determined by a qualified person.

Work will not resume until the unsafe act has been stopped OR sufficient safety precautions have been taken to remove or mitigate the risk to an acceptable degree. Stop work orders will be documented as part of an on-site stop work log, on daily field reports to include the activity/activities stopped, the duration, person stopping work, person in-charge of stopped activity/activities, and the corrective action agreed to and/or taken. Once work has been stopped, only the Haley & Aldrich SPM or SHSO can give the order to resume work. Haley & Aldrich senior management is committed to support anyone who exercises his or her "Stop Work" authority.

## ISSUANCE AND COMPLIANCE

This HASP has been prepared in accordance with Occupational Safety and Health Administration (OSHA) regulations (CFR 29, Parts 1904, 1910, and 1926) if such are applicable.

The specific requirements of this HASP include precautions for hazards that exist during this project and may be revised as new information is received or as site conditions change.

- This HASP must be signed by all Haley & Aldrich personnel involved in implementation of the SOW (Section 2 of this HASP).
- This HASP, or a current signed copy, must be retained at all times when Haley & Aldrich staff are present.
- Revisions to this HASP must be outlined within the contents of the HASP. If immediate or minor changes are necessary, the Field Safety Manager (FSM), Haley & Aldrich, SSO and/or Project Manager (PM) may use Attachment 1 (HASP Amendment Form), presented at the end of this HASP. Any revision to the HASP requires employees and subcontractors to be informed of the changes so that they understand the requirements of the change.
- Deviations from this HASP are permitted with approval from the Haley & Aldrich FSM, PM, or Senior Health & Safety Manager (SHSM). Unauthorized deviations may constitute a violation of Haley & Aldrich company procedures/policies and may result in disciplinary action.
- This HASP will be relied upon by Haley & Aldrich's subcontractors and visitors to the site. Haley & Aldrich's subcontractors must have their own HASP which will address hazards specific to their trade that is not included in this HASP. This HASP will be made available for review to Haley & Aldrich's subcontractors and other interested parties (e.g. Facility personnel and regulatory agencies) to ensure that Haley & Aldrich has properly informed our subcontractors and others of the potential hazards associated with the implementation of the SOW to the extent that Haley & Aldrich is aware.

This site-specific HASP provides only site-specific descriptions and work procedures. General safety and health compliance programs in support of this HASP (e.g., injury reporting, medical surveillance, personal protective equipment (PPE) selection, etc.) are described in detail in the Haley & Aldrich Corporate Health and Safety Program Manual and within Haley & Aldrich's Standard Operating Procedures. Both the manual and SOPs can be located on the Haley & Aldrich's Company Intranet. When appropriate, users of this HASP should always refer to these resources and incorporate to the extent possible. The manual and SOPs are available to clients and regulators upon request.



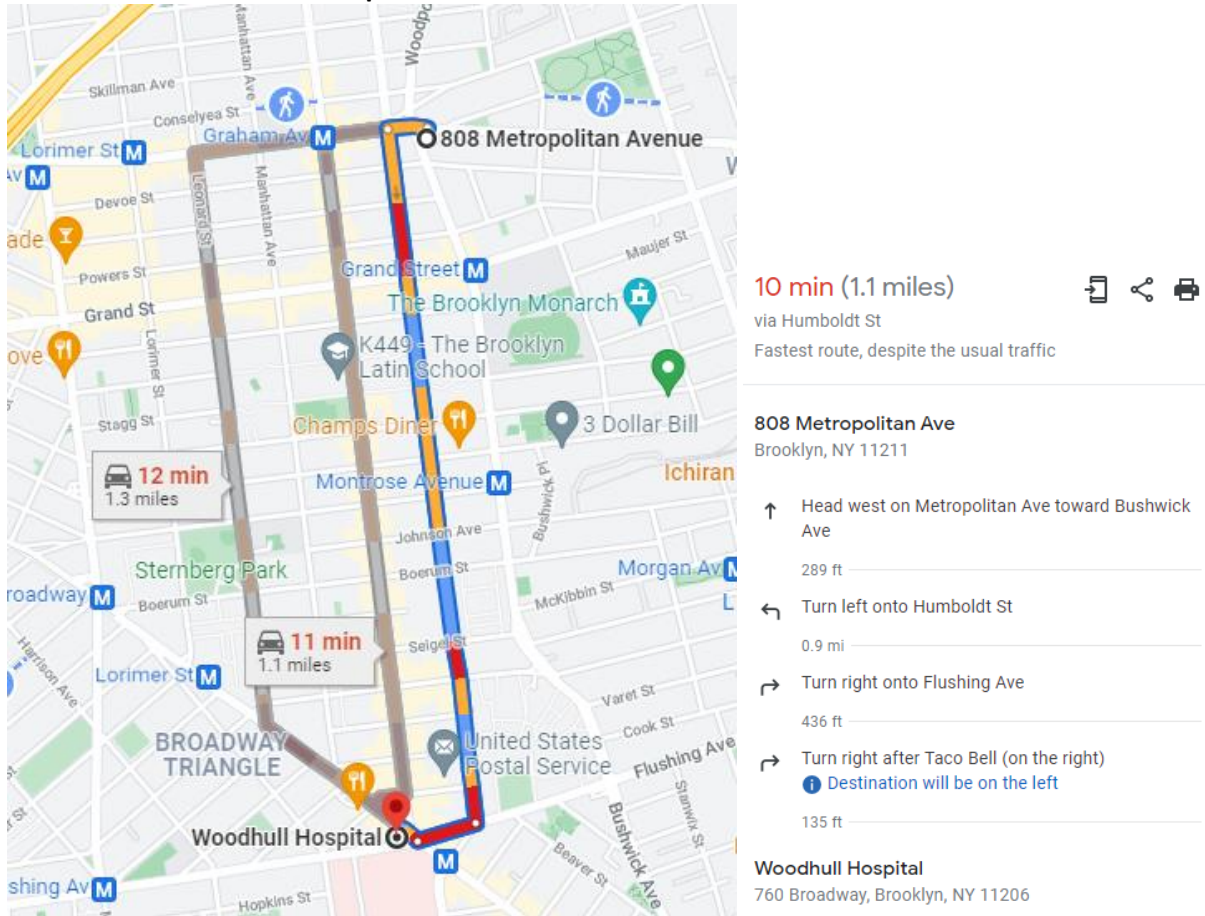
| EMERGENCY EVENT PROCEDURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1 - ASSESS THE SCENE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <ul style="list-style-type: none"> <li>• <b><u>STOP WORK</u></b></li> <li>• Review the situation and ascertain if it's safe to enter the area.</li> <li>• Evacuate the site if the conditions are unsafe.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| 2 - EVALUATE THE EMERGENCY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| <ul style="list-style-type: none"> <li>• <b>Call 911, or designated emergency number, if required.</b></li> <li>• <b>Provide first aid for the victim if qualified and safe to do so.</b> <ul style="list-style-type: none"> <li>○ First aid will be addressed using the onsite first aid kit. * <ul style="list-style-type: none"> <li>▪ If providing first aid, remember to use proper first aid universal precautions if blood or bodily fluids are present.</li> </ul> </li> </ul> </li> <li>• <b>If exposure to hazardous substance is suspected, immediately vacate the contaminated area.</b> <ul style="list-style-type: none"> <li>○ Remove any contaminated clothing and/or equipment.</li> <li>○ Wash any affected dermal/ocular area(s) with water for at least 15 minutes.</li> <li>○ Seek immediate medical assistance if any exposure symptoms are present.</li> </ul> </li> </ul> <p><i>* Note: Haley &amp; Aldrich employees are not required or expected to administer first aid / CPR to any Haley &amp; Aldrich staff member, Contractor, or Civilian personnel at any time; it is Haley &amp; Aldrich's position that those who do are doing so on their own behalf and not as a function of their job.</i></p> |  |
| 3 - SECURE THE AREA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <ul style="list-style-type: none"> <li>• <b>Cordon off the incident area, if possible.</b> <ul style="list-style-type: none"> <li>○ Notify any security personnel, if required.</li> <li>○ Escort all non-essential personnel out of the area, if able.</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| 4 - REPORT ON-SITE ACCIDENTS / INCIDENTS TO PM / SSO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <ul style="list-style-type: none"> <li>• <b>Notify the PM and SSO as soon as it is safe to do so.</b> <ul style="list-style-type: none"> <li>○ Assist PM and SSO in completing any additional tasks, as required.</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| 5 - INVESTIGATE / REPORT THE INCIDENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| <ul style="list-style-type: none"> <li>• <b>Record details of the incident for input to the Gensuite.</b> <ul style="list-style-type: none"> <li>○ Complete any additional forms as requested by the PM and SSO.</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| 6 - TAKE CORRECTIVE ACTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| <ul style="list-style-type: none"> <li>• <b>Implement corrective actions per the PM following root cause analysis.</b> <ul style="list-style-type: none"> <li>○ Complete Lessons Learned form.</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |

| PROJECT INFORMATION AND CONTACTS                                                                                                                                                         |                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Project Name:</b> 808-834 Metropolitan Avenue                                                                                                                                         | <b>Haley &amp; Aldrich File No.:</b> 0204923                                                                                   |
| <b>Location:</b> 808-834 Metropolitan Ave, Brooklyn, New York                                                                                                                            |                                                                                                                                |
| <b>Client/Site Contact:</b><br>Phone Number:                                                                                                                                             | 808 Metropolitan Realty LLC<br>718-963-0536                                                                                    |
| <b>Haley &amp; Aldrich Field Representative:</b><br>Phone Number:<br>Emergency Phone Number:                                                                                             | Nick Manzione<br>(516) 353-9882<br>(917) 765-7035                                                                              |
| <b>Haley &amp; Aldrich Project Manager:</b><br>Phone Number:<br>Emergency Phone Number:                                                                                                  | <b>Suzanne Bell</b><br>(602) 760-2435<br>(480) 261-0004                                                                        |
| <b>Field Safety Manager:</b><br>Phone Number:<br>Emergency Phone Number:                                                                                                                 | <b>Brian Ferguson</b><br>(617) 886-7439<br>(617) 908-2761                                                                      |
| <b>Subcontractor Project Manager:</b><br>Phone Number:                                                                                                                                   | Lorraine Kelly, Lakewood Environmental<br>631-257-5321                                                                         |
| <b>Nearest Hospital:</b><br>Address:<br>(see map on next page)<br>Phone Number:                                                                                                          | Woodhull Hospital<br>760 Broadway<br>Brooklyn, NY 11206<br>(718) 963-8000                                                      |
| <b>Nearest Occ. Health Clinic:</b><br><a href="http://www.talispoint.com/liberty/ext/">http://www.talispoint.com/liberty/ext/</a><br>Address:<br>(see map on next page)<br>Phone Number: | Statcare Urgent & Walk-In Medical Care<br>(Bushwick-Williamsburg)<br>308 Graham Avenue<br>Brooklyn, NY 11211<br>(917) 310-3371 |
| <b>Liberty Mutual Claim Policy</b>                                                                                                                                                       | <b>WC6-Z11-254100-033</b>                                                                                                      |
| <b>Emergency Response Number:</b>                                                                                                                                                        | <b>911</b>                                                                                                                     |
| <b>Other Local Emergency Response Number:</b>                                                                                                                                            | N/A                                                                                                                            |
| <b>Other Ambulance, Fire, Police, or Environmental<br/>Emergency Resources:</b>                                                                                                          | 911<br>FDNY Engine 229 Ladder 146<br>75 Richardson Street, Brooklyn, NY 11211                                                  |

## DIRECTIONS TO THE NEAREST HOSPITAL

[Liberty Mutual Medical Location Directory](#)

### Directions to the Nearest Hospital:

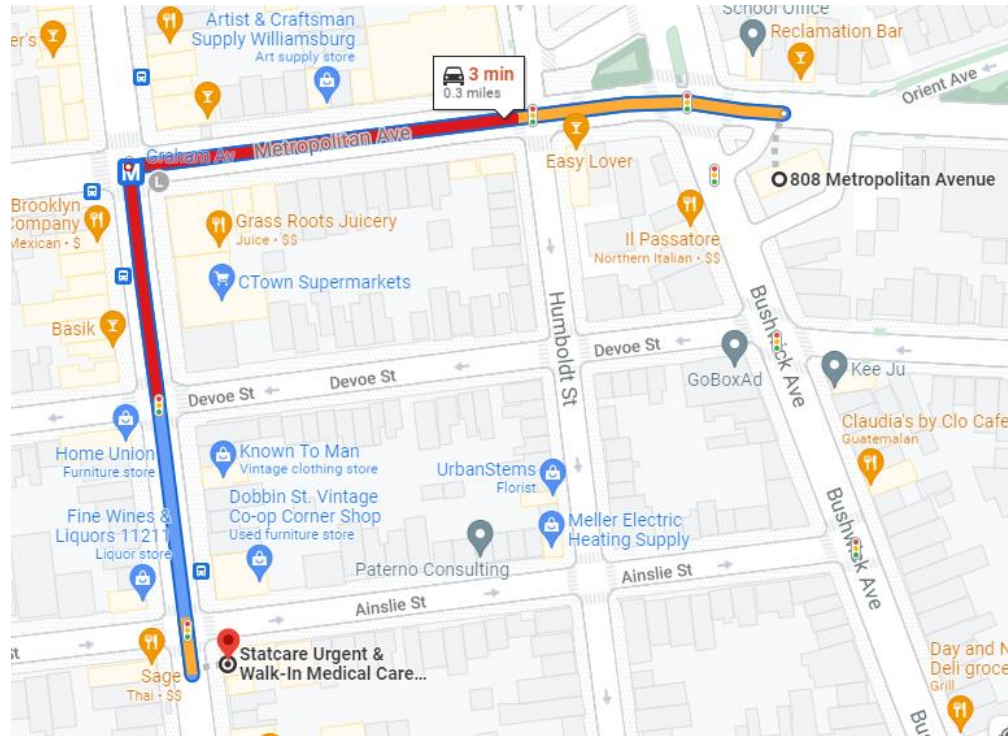


## DIRECTIONS TO THE NEAREST URGENT CARE

[Liberty Mutual Medical Location Directory](#)

### Directions to the Nearest Occupational Clinic:

Paste map and directions showing route to nearest hospital here.



3 min (0.3 mile)



via Metropolitan Ave and Graham Ave/Via Vespucci  
Fastest route, despite the usual traffic

### 808 Metropolitan Ave

Brooklyn, NY 11211

↑ Head west on Metropolitan Ave toward Bushwick Ave

0.1 mi

↩ Turn left onto Graham Ave/Via Vespucci

📍 Destination will be on the left

0.1 mi

### Statcare Urgent & Walk-In Medical Care

(Bushwick-Williamsburg)

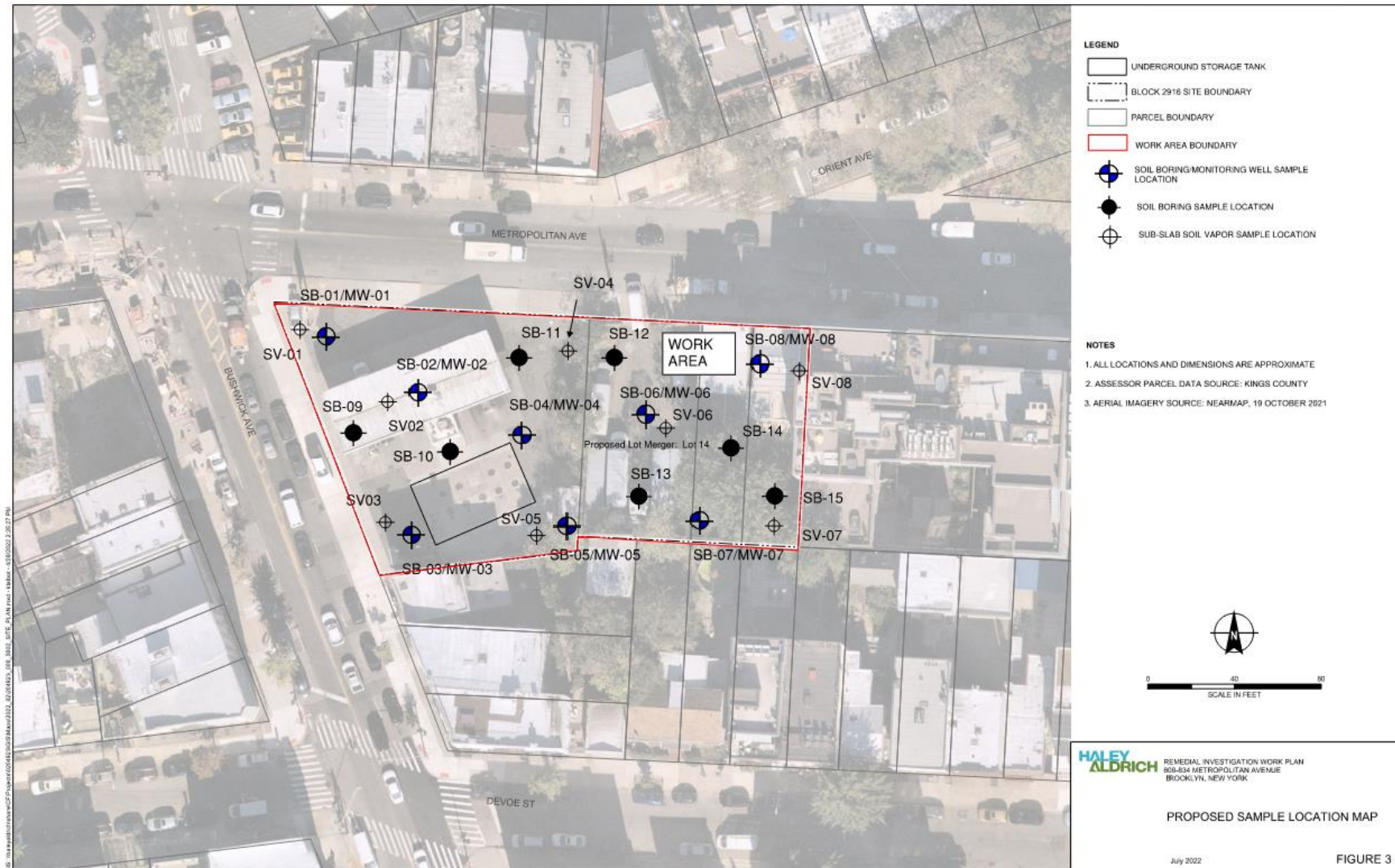
308 Graham Ave, Brooklyn, NY 11211

| 1. WORK SCOPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                         |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------|--------------------------|
| <p>This Site-Specific Health and Safety Plan addresses the health and safety practices and procedures that will be exercised by all Haley &amp; Aldrich employees participating in all work on the Project Site. This plan is based on an assessment of the site-specific health and safety risks available to Haley &amp; Aldrich and Haley &amp; Aldrich's experience with other similar project sites. The scope of work includes the following:</p> <p>Work task will include: 1.) Drilling; .2) Soil, soil vapor and groundwater sampling, and 3) Geophysical Survey.</p> |                                           |                         |                          |
| Project Task Breakdown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                         |                          |
| Task No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Task Description                          | Employee(s) Assigned    | Work Date(s) or Duration |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Soil, soil vapor and groundwater sampling | Nick Manzione           | 4 Days Anticipated       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Geophysical Survey                        | Nick Manzione           | 1 Day Anticipated        |
| Subcontractor(s) Tasks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                         |                          |
| Firm Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           | Work Activity           | Work Date(s) or Duration |
| Lakewood Environmental (Drilling and Pre-Clearing)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                           | Drilling & Pre-Clearing | 4 Days Total Anticipated |
| GPRS Inc. (Geophysical Survey)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           | Geophysical Survey      | 1 Day Total Anticipated  |
| <b>Projected Start Date:</b> Click or tap to enter a date.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                         |                          |
| <b>Projected Completion Date:</b> Click or tap to enter a date.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                         |                          |

| 2. SITE OVERVIEW / DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Site Classification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| Active Speedway gasoline station and 7-Eleven retail                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| Site Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| <p>The site, identified as Block 2916 Lot 8, Lot 14, Lot 16 and Lot 17 (merged into Lot 14) on the New York City tax map in a R7A residential and C2-4 commercial zoning area, is currently occupied by a Speedway Gas Station. The Site is approximately 12,625 square feet and is listed with an environmental E-Designation (E-618) for hazardous materials, noise (window wall attenuation and alternative means of ventilation), and air quality (HVAC exhaust stack location limitations) resulting from a City Environmental Quality Review (CEQR) effective May 2021 (CEQR # 20DCP110K). Satisfaction of the E-Designation requirements is subject to review and approval by the New York City Mayor's Office of Environmental Remediation (NYCOER) prior to redevelopment.</p>                                                                                                                                                                                                                                                |  |
| Background and Historic Site Usage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <ul style="list-style-type: none"> <li>The site has been occupied by a gasoline service station for several decades and includes underground storage of diesel fuel and gasoline. A historic spill and subsequent remediation was reported/ took place at the site and is further described below:</li> <li>Historic spill reported at site in 1995 (Spill No. 95-02757) during removal of gasoline and diesel USTs                         <ul style="list-style-type: none"> <li>897 tons impacted soil removed</li> <li>Post excavation samples collected</li> <li>1996 – 2012 – groundwater monitoring performed for VOCs</li> <li>2006 AS/SVE well installation of oxygen releasing material (ORM) socks in on-site monitoring wells – 3 short-term remediation events in 2006</li> <li>2008 &amp; 2009 – soil investigation performed on site</li> <li>2012 – additional monitoring wells installed on site – low-level VOCs or non-detect, below standards</li> <li>NYSDEC closed the spill on 5/6/2013.</li> </ul> </li> </ul> |  |
| Site Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| <p>Indicate current activity status and describe operations at the site:</p> <p><b>Inactive gasoline station, former residential buildings</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| Site Plan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| Is a site plan or sketch available? Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| Work Areas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| <p>List and identify each specific work areas(s) on the job site and indicate its location(s) on the site plan:</p> <p>The entire Site will be utilized as an active work area</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |



Site Plan



### 3. HAZARD ASSESSMENT

Indicate all hazards that may be present at the site and for each task. If any of these potential hazards are checked, it is the Project Manager's responsibility to determine how to eliminate / minimize the hazard to protect onsite personnel.

#### Site Chemical Hazards

Is this Site impacted with chemical contamination? Yes

Source of information about contaminants: Previous Investigation

| Contaminant of Concern | Location/Media | Concentration | Units        |
|------------------------|----------------|---------------|--------------|
| Benzene                | Groundwater    | 3.7           | ug/L         |
| Ethylbenzene           | Groundwater    | 3.4           | ug/L         |
| Xylenes                | Groundwater    | 12.2          | ug/kg        |
| Choose an item.        | Select Media.  |               | Select Units |
| Choose an item.        | Select Media.  |               | Select Units |
| Choose an item.        |                |               |              |
| Choose an item.        |                |               |              |
| Choose an item.        |                |               |              |
| Choose an item.        |                |               |              |

**Benzene:** Benzene is a colorless liquid with a sweet odor. It evaporates into the air very quickly and dissolves slightly in water. It is highly flammable and is formed from both natural processes and human activities

Breathing very high levels of benzene can result in death, while high levels can cause drowsiness, dizziness, rapid heart rate, headaches, tremors, confusion, and unconsciousness. Eating or drinking foods containing high levels of benzene can cause vomiting, irritation of the stomach, dizziness, sleepiness, convulsions, rapid heart rate, and death. The major effect of benzene from long-term (365 days or longer) exposure is on the blood. Benzene causes harmful effects on the bone marrow and can cause a decrease in red blood cells leading to anemia. It can also cause excessive bleeding and can affect the immune system, increasing the chance for infection. Some women who breathed high levels of benzene for many months had irregular menstrual periods and a decrease in the size of their ovaries. It is not known whether benzene exposure affects the developing fetus in pregnant women or fertility in men. Animal studies have shown low birth weights, delayed bone formation, and bone marrow damage when pregnant animals breathed benzene.



**BTEX/VOCs:** BTEX is an acronym for benzene, toluene, ethylbenzene and xylenes. These compounds are VOCs, are common in petroleum-related products (e.g., oil, gasoline, coal-tar DNAPL, etc.), and frequently co-occur at hazardous waste sites. Benzene, toluene, ethylbenzene, and xylenes have acute and chronic harmful effects on the central nervous system. Benzene is classified as a carcinogen. Short-term health effects of low-level BTEX exposure include drowsiness, dizziness, accelerated heart rate, headaches, tremors, confusion, and unconsciousness.

**Xylenes:** are colorless liquids with a faint, sweet odor. There are three forms of xylene (meta-, ortho-, and para-), which are referred to as isomers. They are chemically classified as hydrocarbons, meaning they contain hydrogen and carbon atoms. These are chemicals of serious flammability and will easily ignite with heat, sparks or flames. Their flash point range is between 85-115 degrees F. The PEL is 10 ppm averaged over an 8 hour shift.

Typically, these are solvents in making paint, adhesives, and other chemicals. Their odor threshold varies greatly, and this should not be the sole indicator in exposures. Their vapors are heavier than air, but less dense than water, therefore they float. Can be inhaled or absorbed through the skin. Inhalation can irritate throat and nose and cause coughing, headache or dizziness. Absorption can cause skin rash, dryness or redness. Repeated exposures may affect concentration, memory, vision, and muscle coordination.

**VOCs:** include all organic compounds (substances made up of predominantly carbon and hydrogen) with boiling temperatures in the range of 50-260 degrees C, excluding pesticides. This means that they are likely to be present as a vapor or gas in normal ambient temperatures. Substances which are included in the VOC category include aliphatic hydrocarbons (such as hexane), aldehydes, aromatic hydrocarbons (such as benzene, toluene, and the xylenes or BTEX), and oxygenated compounds (such as acetone and similar ketones). The term VOC often is used in a legal or regulatory context and in such cases the precise definition is a matter of law.

VOCs are released from oil and gasoline refining, storage and combustion as well as from a wide range of industrial processes. Processes involving fuels, solvents, paints or the use of chemicals are the most significant sources. VOCs may also be emitted from cleaning products, degreasing products, fabrics, carpets, plastic products, glues, printed material, varnishes, wax, disinfectants, and cosmetics.

Typically, VOCs are present in gas or vapor and will enter the body by breathing contaminated air. Higher concentrations of VOCs may occur in areas of poor ventilation.

Click + Add Additional Chemical Language

Click + Add Additional Chemical Language

Click + Add Additional Chemical Language

| Site Hazards Checklist |            |               |               |
|------------------------|------------|---------------|---------------|
| Weather                |            |               |               |
| Cold Temperatures      | High Winds | Select Hazard | Select Hazard |
| Cold Temperatures      |            |               |               |

Cold stress may occur at any time work is being performed at low ambient temperatures and high velocity winds. Because cold stress is common and has potentially serious illnesses associated with outdoor work during cold seasons, regular monitoring and other preventative measures are vital.

Refer to OP1003-Cold Stress for additional information and mitigation controls.

### High Winds

While high winds are commonly associated with severe thunderstorms and hurricanes they may also occur as a result of differences in air pressures, such as when a cold front passes across the area. They can cause downed trees and power lines, and flying debris (such as dust or larger debris), which adds additional risks and could lead to power outages, transportation disruptions, damage to buildings and vehicles, and serious injury.

Wind Advisory are issued for sustained winds 25 to 39 mph and/or gusts to 57 mph. High Wind warnings are issued by the National Weather Service when high wind speeds may pose a hazard or is life threatening. The criteria for this warning will varies by state. The Beaufort Wind Scale is a helpful tool to when dealing with high winds.

### Biological

Mosquitoes

Stinging Insects

Choose an item.

Choose an item.

### Mosquitos

Work outdoors with temperatures above freezing will likely bring staff into contact with mosquitos. There are a variety of mosquito species that can transmit a range of diseases. Birds act as reservoirs for the viruses that can be collected by the mosquito and transmitted to a person. Majority of mosquitos are mainly a nuisance but staff need to take appropriate precautions to minimize the potential transmission of a virus that can result in one of the following diseases: West Nile, Eastern Equine Encephalitides and Western Encephalitides. Knowing some key steps that can minimize the risk of mosquito bites is, therefore, important in reducing the risks. Workers working outdoors should be aware that the use of PPE techniques is essential to preventing mosquito bites especially when working at sites where mosquitoes may be active and biting.

Use repellents containing DEET, picaridin, IR3535, and some oil of lemon eucalyptus and para-menthane-diol products provide longer-lasting protection. To optimize safety and effectiveness, repellents should be used according to the label instructions. Cover as much of your skin as possible by wearing shirts with long-sleeves, long pants, and socks whenever possible. Avoid use of perfumes and colognes when working outdoors during peak times when mosquitoes may be active; mosquitoes may be more attracted to individuals wearing perfumes and colognes.

### Stinging Insects

Stinging Insects fall into two major groups: Apidae (honeybees and bumblebees) and vespids (wasps, yellow jackets, and hornets). Apidae are docile and usually do not sting unless provoked. The stinger of the honeybee has multiple barbs, which usually detach after a sting. Vespids have few barbs and can inflict multiple stings.

There are several kinds of stinging insects that might be encountered on the project site. Most stings will only result in a temporary injury. However, sometimes the effects can be more severe, even life-

threatening depending on where you are stung and what allergies you have. Being stung in the throat area of the neck may cause edema (swelling caused by fluid build-up in the tissues) around the throat and may make breathing difficult.

In rare cases, a severe allergic reaction can occur. This can cause "anaphylaxis" or anaphylactic shock with symptoms appearing immediately or up to 30 minutes later. Symptoms include; Hives, itching and swelling in areas other than the sting site, swollen eyes/eyelids, wheezing, chest tightness, difficulty breathing, hoarse voice, swelling of the tongue, dizziness or sharp drop in blood pressure, shock, unconsciousness or cardiac arrest. Reactions can occur the first time you are stung or with subsequent stings. If you see any signs of reaction, or are unsure, call or have a co-worker call emergency medical services (e.g., 911) right away. Get medical help for stings near the eyes, nose or throat. Stay with the person who has been stung to monitor their reaction.

Staff who are allergic to bee stings are encouraged to inform their staff/project manager. If staff member carries an Epi-pen (i.e., epinephrine autoinjector) they are encouraged to inform their colleagues in case they are stung and are incapable of administering the injection. Examine site for any signs of activity or a hive/nest. If you see several insects flying around, see if they are entering/exiting from the same place. Most will not sting unless startled or attacked. Do not swat, let insects fly away on their own. If you must, walk away slowly or gently "blow" them away. If a nest is disturbed and you hear "wild" buzzing, protect your face with your hands and run from the area immediately. Wear long sleeves, long pants, and closed-toed boots. Wear light colored clothes such as khakis. Avoid brightly colored, patterned, or black clothing. Tie back long hair to avoid bees or wasps from entanglement. Do not wear perfumes, colognes or scented soaps as they contain fragrances that are attractive. If bee or wasp is found in your car, stop and leave windows open.

| Location/Terrain |                 |                 |                 |
|------------------|-----------------|-----------------|-----------------|
| Slip/Trip/Falls  | Choose an item. | Choose an item. | Choose an item. |

### Slips, Trips & Falls

Slip and trip injuries are the most frequent injuries to workers. Statistics show most falls happen on the same level resulting from slips and trips. Both slips and trips result from unintended or unexpected change in the contact between the feet and the ground or walking surface. Good housekeeping, quality of walking surfaces (flooring), awareness of surroundings, selection of proper footwear, and appropriate pace of walking are critical for preventing fall accidents.

Site workers will be walking on a variety of irregular surfaces, that may affect their balance. Extra care must be taken to walk cautiously near rivers because the bottom of the riverbed maybe slick and may not be visible. Rocks, gradient changes, sandy bottoms, and debris may be present but not observable.

Take your time and pay attention to where you are going. Adjust your stride to a pace that is suitable for the walking surface and the tasks you are doing. Check the work area to identify hazards - beware of trip hazards such as wet floors, slippery floors, and uneven surfaces or terrain. Establish and utilize a pathway free of slip and trip hazards. Choose a safer walking route. Carry loads you can see over. Keep work areas clean and free of clutter. Communicate hazards to on-site personnel and remove hazards as appropriate.

| Miscellaneous                             |                 |                 |                 |
|-------------------------------------------|-----------------|-----------------|-----------------|
| Choose an item.                           | Choose an item. | Choose an item. | Choose an item. |
| Click + to Add Additional Hazard Language |                 |                 |                 |

**Task Hazard Summary****Task 1 – Drilling**

Drilling is conducted for a range of services that can include but are not limited to: soil characterization, environmental investigation, well installation, and ore exploration. Familiarity with basic drilling safety is an essential component of all drilling projects. Potential hazards related to drilling operations include, but are not limited to encountering underground or overhead utilities, traffic and heavy equipment, hoisting heavy tools, steel impacts, open rotation entanglement, and the planned or unexpected encountering of toxic or hazardous substances. While staff members do not operate drilling equipment, they may work in close proximity to operating drilling equipment and may be exposed to many of the same hazards as the drilling subcontractor. It is imperative that staff are aware of emergency stops and establish communication protocols with the drillers prior to the start of work.

See OP 1002 Drilling Safety for more information.

**Task 2A – Soil Sampling**

Soil sampling by H&A staff on active construction sites can be conducted in conjunction with a wide range activities such as building construction, earthwork and soil management related activities. These activities can include, but are not limited to: drill spoil characterization and management during building foundation element installation, characterization of excavated soils for management/disposal/reuse during earthwork activities, and as part of environmental remedial activities such as delineation and confirmation sampling. Familiarity with basic heavy construction safety, site conditions (geotechnical and environmental), and potential soil contaminants are essential components of soil sampling performed on active sites. Potential hazards related to soil sampling at construction sites include, but are not limited to: encountering site vehicle traffic and heavy equipment operations, manual lifting, generated waste, contact or exposure to impacted soil, and encountering unknown toxic or hazardous substances. Although soil sampling is commonly performed within active excavations, from stockpiles, or within trench excavations, sampling locations and situations will vary depending on site conditions. Care should be taken while entering and exiting excavations or trenches, and when accessing (climbing up or down) soil stockpiles, ensuring that the sampling area is not being actively accessed by construction equipment. Care should also be taken with handling of potentially environmentally impacted soil during sampling, with appropriate PPE identified and used. At no time during classification activities are personnel to reach for debris near machinery that is in operation, place any samples in their mouth, or come in contact with the soils without the use of gloves. Staff will have to carry and use a variety of sampling tools, equipment, containers, and potentially heavy sample bags. It is imperative that staff are aware of emergency / communication protocols with the Contractor prior to the start of work.

**Task 2B – Water Sampling**

Environmental water sampling could include activities such as groundwater sampling from permanent or temporary wells, or surface water sampling from streams, rivers, lakes, ponds, lagoons, and surface impoundments.

Sampling tasks could involve uncapping, purging (pumping water out of the well), and sampling, and/or monitoring, new or existing monitoring wells. A mechanical pump may be used to purge the wells and can be hand-, gas-, or electric-operated. Water samples taken from the wells are then placed in containers and shipped to an analytical laboratory for analysis. The physical hazards of these operations are primarily associated with the collection methods and procedures used.

When sampling bodies of water containing known or suspected hazardous substances, adequate precautions must be taken to ensure the safety of sampling personnel. The sampling team member collecting the sample should not get too close to the edge, where ground failure or slips, trips or falls may cause him/her to lose his/her balance. The person performing the sampling should have fall restraint or protection for the task. When conducting sampling from a boat in an impoundment or flowing waters, appropriate vessel safety procedures should be followed. Avoid lifting heavy coolers with back muscles; instead, use ergonomic lifting techniques, team lift or mechanical lifts. Wear proper gloves, such as when handling sample containers to avoid contacting any materials that may have spilled out of the sample containers.

Inhalation and absorption of COCs are the primary routes of entry associated with water sampling, due to the manipulation of sample media and equipment, manual transfer of media into sample containers, and proximity of operations to the breathing zone. During this project, several different groundwater sampling methodologies may be used based on equipment accessibility and the types of materials to be sampled. These sampling methods may include hand or mechanical bailing. The primary hazards associated with these specific sampling procedures are not potentially serious; however, other operations in the area or the conditions under which samples must be collected may present chemical and physical hazards. The hazards directly associated with groundwater sampling procedures are generally limited to strains or sprains from hand bailing, and potential eye hazards. Exposure to water containing COCs is also possible. All tools and equipment that will be used at the site must be intrinsically safe (electronics and electrical equipment) and non-sparking or explosion-proof (hand tools).

## **Task 2C – Soil Vapor**

Soil gas sampling is employed as an indirect indicator of contamination in soil or groundwater particularly over and around landfill waste sites, or groundwater plumes. Soil gas sampling points can be installed manually using a slam bar or power driven mechanical devices (e.g., demolition hammer or Geoprobe) may be used based on site conditions (i.e., pavement, frozen ground, very dense clays, etc.). Soil gas samples can be drawn through the probe itself, or through Teflon tubing inserted through the probe and attached to the probe point. Samples are collected and analyzed as described below. Other field air monitoring devices, such as the Combustible Gas Indicator (CGI) and the Organic Vapor Analyzer (OVA), can also be used, depending on specific site conditions.

Because the sample is being drawn from underground, and no contamination is introduced into the breathing zone, soil gas sampling usually occurs in Level D. Nevertheless, ambient air should be constantly monitored to obtain background and breathing zone readings during the sampling procedure in the event the seal around the sampling point is breached. As long as the levels in ambient air do not rise above background, no upgrade of the level of protection is needed. Also, an underground utility search must be performed prior to sampling.

## Task 2D – Hand Augering

A hand auger is used to collect surficial soil samples up to eight (8) feet in depth. There are a variety of hand augers such as bucket and bit augers, continuous flight (screw) and post-hole augers. This equipment can be used in a wide variety of soil conditions. The presence of rock layers and collapsing of the borehole usually prohibit sampling at depths greater than 3 to 6 feet.

When using a hand auger the area in which the bore holes are located needs to be cleared of any underground utilities prior to initiating work. Check boring locations for potential hazards such as poison ivy, evidence of underground piping, rubble, rebar or old foundations. Stretch prior to initiating work. Stand upwind to avoid exposure whenever possible. Use proper tools for hand augering (augers with non-conductive handles) and use proper lifting techniques. Proceed slowly and use caution. The diameter of the boring should be equal to or greater than the diameter of drill augers or geoprobe rods. ONLY remove the auger flights one at a time, as they were put on; do NOT pull the entire auger out of the hole at once.

Avoid twisting and straining with the hand auger. Use a posthole digger to pull and remove debris that cannot be removed with the hand auger. Proceed slowly and use caution. An offset handle (outward closing) style posthole digger should be used. If post hole digger does not work, use a steel spud bar to pry and dislodge debris. Do not attempt to remove objects or debris that are too large to recover with a post hole digger. If you suspect you have encountered a buried metallic object, stop work and immediately and notify the site manager.

## Task 3 - Survey

Surveying presents many challenges regarding safety given that the survey location is typically dynamic and can be at large construction sites, roadways, or in the woods. Before beginning a survey, determine potential hazards that might arise from the natural environment, the public, and the contractor's operations and plan the survey accordingly.

Work on a construction site will expose staff to heavy equipment, SIMOPs, and the hazards associated with the type of construction being conducted. Coordination with the site GC is critical. Work on a road way will expose staff to vehicular traffic and potentially foot traffic. The safety measures employed must be consistent with the MUTCD or equivalent state requirements. Staff need to maintain at least six feet of space between moving traffic and the work area. This includes work on shoulders as well as on the traveled way. Survey at the maximum space possible between moving traffic and the work area. Whenever feasible, each staff member must face moving traffic at all times. If it is not possible to face traffic, a lookout should be used. Work in remote areas may expose staff to wildlife, insects and poor communication. Equipment shall be carried properly so that pinch points are avoided and staff are not overloaded when moving from one location to another.

Use of proper PPE (e.g., High Visibility Vests) is an important component of conducting the work safely. Suspend survey operations when uncontrollable hazards develop. Resume work only when safe working conditions have been restored.

| Task Physical Hazards Checklist |                                     |                                                        |                                     |                          |
|---------------------------------|-------------------------------------|--------------------------------------------------------|-------------------------------------|--------------------------|
| Potential Task Hazards          | Task 1<br>Drilling                  | Task 2<br>Soil, Soil Vapor,<br>Groundwater<br>Sampling | Task 3<br>Geophysical<br>Survey     | Task Name                |
| Noise                           | <input checked="" type="checkbox"/> | <input type="checkbox"/>                               | <input type="checkbox"/>            | <input type="checkbox"/> |
| Heavy Equipment                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>                               | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Hot Work                        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                    | <input type="checkbox"/>            | <input type="checkbox"/> |
| Slippery Surfaces               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Ergonomics                      | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Congested Area                  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Ground Disturbance              | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                    | <input type="checkbox"/>            | <input type="checkbox"/> |
| Line of Fire                    | <input checked="" type="checkbox"/> | <input type="checkbox"/>                               | <input type="checkbox"/>            | <input type="checkbox"/> |
| Manual Lifting                  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                    | <input type="checkbox"/>            | <input type="checkbox"/> |
| Sharp Objects                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                    | <input type="checkbox"/>            | <input type="checkbox"/> |
| Underground Utilities           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                    | <input type="checkbox"/>            | <input type="checkbox"/> |
| Other: Specify                  | <input type="checkbox"/>            | <input type="checkbox"/>                               | <input type="checkbox"/>            | <input type="checkbox"/> |



## Summary of Physical Hazards & Controls

### Noise

Working around heavy equipment (drill rigs, excavators, etc.) often creates excessive noise. The effects of noise include physical damage to the ear, pain, and temporary and/or permanent hearing loss. Workers can also be startled, annoyed, or distracted by noise during critical activities. Noise monitoring data that indicates that working within 25 feet of operating heavy equipment result in exposure to hazardous levels of noise (levels greater than 85 dBA).

See OP 1031 Hearing Conservation for additional information.

#### Controls

- Personnel are required to use hearing protection (earplugs or earmuffs) within 25 feet of any operating piece of heavy equipment.
- Limit the amount of time spent at a noise source.
- Move to a quiet area to gain relief from hazardous noise sources.
- Increase the distance from the noise source to reduce exposure.

### Heavy Equipment

Staff must be careful and alert when working around heavy equipment, failure or breakage and limited visibility can lead to accidents and worker injury. Heavy equipment such as cranes, drills, haul trucks, or other can fail during operation increasing chances of worker injury. Equipment of this nature shall be visually inspected and checked for proper working order prior to commencement of field work. Those operating heavy equipment must meet all requirements to operate the equipment. Haley & Aldrich, Inc. staff that supervise projects or are associated with high risk projects that involve digging or drilling should use due diligence when working with a construction firm.

See OP1052 Heavy Equipment for additional information.

#### Controls

- Only approach equipment once you have confirmed contact with the operator (e.g., operator places the bucket on the ground).
- Always maintain visual contact with operators and keep out of the strike zone whenever possible.
- Always be alert to the position of the equipment around you.
- Always approach heavy equipment with an awareness of the swing radius and traffic routes of all equipment and never go beneath a hoisted load.
- Avoid fumes created by heavy equipment exhaust.

### Hot Work

Hot work is any work that could produce a source of ignition or temperature high enough to cause the ignition of flammable gases and combustible materials. Hot work activities include burning, welding, grinding, braising, soldering, using fire or spark-producing tools. The main hazards associated with hot work are getting burned directly by the hot work activity or by fires or explosions that result from an accumulation of combustible materials in the work area.

Performing hot work in Classified and Non-Classified areas are considered a hazardous activity, and a Permit to Work may be required. In general, the Hot Work Permit has five purposes:

- To serve as written permission to do the work;
- To provide a minimum checklist prior to the commencement of hot work;
- To outline the steps necessary for making the work site safe for conducting hot work;
- To alert operating personnel to the hot work in progress; and
- To provide a record of safe work practices performed during the permitted activity.

Work shall be conducted in accordance with OP1034 Hot Work.

**Controls**

- Hot Work Permit must be completed.
- Conduct a risk assessment of the proposed work area to identify combustible or flammable material.
- If potential for flammable gases exists in the work area they must be monitored with a gas detector prior to starting any hot work.
- The hot work equipment shall be in satisfactory operating condition and in good repair.
- All combustible and flammable materials shall be relocated at least 35' in all directions from the work site.

If relocating these materials is impractical, the following precautions shall be taken:

- Materials shall be shielded with fire-retardant covers or metal or fire-retardant guards or curtains.
- The edges of covers at the floor shall be tight to prevent the entrance of sparks, including at the point where several covers overlap when a large pile is being protected.
- A fire watch may be required.
- A fully charged and operable fire extinguisher appropriate for the type of potential fire shall be available for use in the work area (20lbs minimum).
- A nonflammable, impervious material shall seal sewer openings, ducts and drains. Where sealing is insecure or impractical, water spray or stream should be directed across openings.
- The location of the hot work relative to combustible and flammable materials and classified areas shall determine the need for a fire watch
- Personnel within the vicinity of the hot work shall be suitably protected against such dangers as heat, sparks, flash and slag.

**Slippery Surfaces**

Both slips and trips result from unintended or unexpected change in the contact between the feet and ground or walking surface. Good housekeeping, quality of walking surfaces, selection of proper footwear, and appropriate pace of walking are critical for preventing fall accidents. Slips happen where there is too little friction or traction between the footwear and walking surface.

Common causes of slips are wet or oily surfaces, spills, weather hazards, loose unanchored rugs or mats and flooring or other walking surfaces that do not have same degree of traction in all areas.

Weather-related slips and falls become a serious hazard as winter conditions often make for wet or icy surfaces outdoors. Even wet organic material or mud can create hazardous walking conditions. Spills and leaks can also lead to slips and falls.

**Controls**

- Evaluate the work area to identify any conditions that may pose a slip hazard.

- Address any spills, drips or leaks immediately.
- Mark areas where slippery conditions exist.
- Select proper footwear or enhance traction with additional PPE.
- Where conditions are uncertain or environmental conditions result in slippery surfaces walk slowly, take small steps, and slide feet on wet or slippery surfaces.

### Ergonomics

Most Work-related Musculoskeletal Disorders (WMSDs) are caused by Ergonomic Stressors. Ergonomic Stressors are caused by poor workplace practices and/or insufficient design, which may present ergonomic risk factors. These stressors include, but not limited to, repetition, force, extreme postures, static postures, quick motions, contact pressure, vibration, and cold temperatures.

WMSDs are injuries to the musculoskeletal system, which involves bones, muscles, tendons, ligaments, and other tissues in the system. Symptoms may include numbness, tightness, tingling, swelling, pain, stiffness, fatigue, and/or redness. WMSD are usually caused by one or more Ergonomic Stressors. There may be individual differences in susceptibility and symptoms among employees performing similar tasks. Any symptoms are to be taken seriously and reported immediately.

See OP1053 Ergonomics for more information.

### Controls

- Ensure workstations are ergonomically correct so bad posture is not required to complete tasks.
- Take periodic breaks over the course of the day.
- Stretch during break times.
- Break up tasks that require repetitive motion.
- Contact Corporate H&S with any ergonomic concerns

### Congested Areas

Working in congested areas can expose both workers and the public to a wide range of hazards depending upon the specific activities taking place. Staff Members need to understand the work scope, work areas, equipment on-site, and internal traffic patterns to minimize or eliminate exposure potential.

### Controls

- Provide barricades, fencing, warning signs/signals and adequate lighting to protect people while working in or around congested areas.
- Vehicles and heavy equipment with restricted views to the rear should have functioning back-up alarms that are audible above the surrounding noise levels. Whenever possible, use a signaler to assist heavy equipment operators and/or drivers in backing up or maneuvering in congested areas.
- Lay out traffic control patterns to eliminate excessive congestion.
- Workers in congested areas should always wear high visibility clothing.
- Be aware of Line of Fire hazards when performing work activities in congested areas.
- Hazards associated with SIMOPs should be discussed daily at Tailgate Safety Meetings.

### Ground Disturbance

Ground disturbance is defined as any activity disturbing the ground. Ground disturbance activities include, but are not limited to, excavating, trenching, drilling (either mechanically or by hand), digging, plowing, grading, tunneling and pounding posts or stakes.

Because of the potential hazards associated with striking an underground utility or structure, the operating procedure for underground utility clearance shall be followed prior to performing any ground disturbance activities.

See OP1020 Working Near Utilities

### **Controls**

Prior to performing ground disturbance activities, the following requirements should be applied:

- Confirm all approvals and agreements (as applicable) either verbal or written have been obtained.
- Request for line location has been registered with the applicable One-Call or Dial Before You Dig organization, when applicable.
  - Whenever possible, ground disturbance areas should be adequately marked or staked prior to the utility locators site visit.
- Notification to underground facility operator/owner(s) that may not be associated with any known public notification systems such as the One-Call Program regarding the intent to cause ground disturbance within the search zone.
- Notifications to landowners and/or tenant, where deemed reasonable and practicable.
- Proximity and Common Right of Way Agreements shall be checked if the line locator information is inconclusive.

### **Line of Fire**

Line of fire refers to the path an object will travel. Examples of line of fire situations typically observed on project sites include lifting/hoisting, lines under tension, objects that can fall or roll, pressurized objects or lines, springs or stored energy, work overhead, vehicles and heavy equipment.

### **Controls**

- Never walk under a suspended load.
- Be aware and stay clear of tensioned lines such as cable, chain and rope.
- Be cautious of torque stresses that drilling equipment and truck augers can generate. Equipment can rotate unexpectedly long after applied torque force has been stopped.
- Springs and other items can release tremendous energy if compressed and suddenly released.
- Items under tension and pressure can release tremendous energy if it is suddenly released.
- Not all objects may be overhead; be especially mindful of top-heavy items and items being transported by forklift or flatbed.
- Secure objects that can roll such as tools, cylinders, and pipes.
- Stay clear of soil cuttings or soil stockpiles generated during drilling operations and excavations, be aware that chunks of soil, rocks, and debris can fall or roll.

### **Manual Lifting/Moving**

Most materials associated with investigation, remedial, or construction-related activities are moved by hand. The human body is subject to damage in the forms of back injury, muscle strains, and hernia if caution is not observed in the handling process.

### **Controls**

- Under no circumstances should any one person lift more than 49 pounds unassisted.
- Always push, not pull, the object when possible.

- Size up the load before lifting. If it is heavy or clumsy, get a mechanical aid or help from a worker.
- Bend the knees; it is the single most important aspect of lifting.
- When performing the lift:
  - Place your feet close to the object and center yourself over the load.
  - Get a good handhold.
  - Lift straight up, smoothly and let your legs do the work, not your back!
  - Avoid overreaching or stretching to pick up or set down a load.
  - Do not twist or turn your body once you have made the lift.
  - Make sure beforehand that you have a clear path to carry the load.
  - Set the load down properly.

### Sharp Objects

Workers who handle sharp edged objects like sheets of steel or glass are at risk of cuts. Workers who handle sharp edged objects are also at risk of cuts. Injuries may occur to hands, fingers, or legs when they are in the way of the blade, when the blade slips, or if an open blade is handled unexpectedly. Other hazards at job sites include stepping on sharp objects (e.g. wooden boards with protruding nails, sharp work-tools, chisels, etc.) and colliding with sharp and/or protruding objects.

#### Controls

Always be alert when handling sharps. Never look away or become distracted while handling sharp objects. Use caution when working with tools; use right tool for the job. Keep tools sharp, dull blades are a safety hazard, requiring more force to make cuts which can lead to tool slippage. Wear appropriate PPE and do not handle sharp objects (i.e., broken glass) with bare hands. Use mechanical devices, when possible. Stay away from building debris; avoid handling site debris or placing your hand where you cannot see. Watch out for barbed wire and electrical fences; cover with a car mat or equivalent to cross or walk around; use the buddy system to avoid entanglement; wear gloves. Do not leave unprotected sharps unattended. Use protective shields, cases, styrofoam blocks, etc. Pass a sharp by handing it over carefully by the handle with the blade down or retracted. Fixed open blades are prohibited. Always cut away from the body, making several passes when cutting thicker materials. Make sure blades are fitted properly into the knife. Never cut items with a blade or other sharp object on your lap. Never try to catch a blade or cutting tool that is falling.

### Underground Utilities

Various forms of underground/overhead utility lines or conveyance pipes may be encountered during site activities. Prior to the start of intrusive operations, utility clearance is mandated, as well as obtaining authorization from all concerned public utility department offices. Should intrusive operations cause equipment to come into contact with utility lines, the SHSO, Project Manager, and Regional H&S Manager shall be notified immediately. Work will be suspended until the client and applicable utility agency is contacted and the appropriate actions for the situation can be addressed. See OP1020 Work Near Utilities for complete information.

#### Controls

- Obtain as-built drawings for the areas being investigated from the property owner;
- Visually review each proposed soil boring locations with the property owner or knowledgeable site representative;
- Perform a geophysical survey to locate utilities;
- Hire a private line locating firm to determine location of utility lines that are present at the property;

- Identifying a no-drill or dig zone;

Hand dig or use vacuum excavation in the proposed ground disturbance locations if insufficient data is unavailable to accurately determine the location of the utility lines.

### Generated Waste

Activities on environmental sites may generate waste that requires regulated handling and disposal. Excess sample solids, decontamination materials, poly sheeting, used PPE, etc. that are determined to be free of contamination through field or laboratory screening can usually be disposed into client-approved, on-site trash receptacles. Uncontaminated wash water may be discarded onto the ground surface away from surface water bodies in areas where infiltration can occur. Contaminated materials must be segregated into liquids or solids and drummed separately for off-site disposal.

### Controls

- Manage waste properly through good work practices.
- Collect, store, containerize waste, and dispose of it properly.
- All wastes generated shall be containerized in an appropriate container (i.e. open or closed top 55-gallon drum, roll-off container, poly tote, cardboard box, etc.) as directed by the PM.
- Containers should be inspected for damages or defects
- Waste containers should be appropriately labeled indicating the contents, date the container was filled, owner of the material (including address) and any unique identification number, if necessary.
- Upon completion of filling the waste container, the container should be inspected for leaks and an appropriate seal.

#### 4. PROTECTIVE MEASURES

The personal protective equipment and safety equipment (if listed) is specific to the associated task. The required PPE and equipment listed must be onsite during the task being performed. Work shall not commence unless the required PPE or Safety Equipment is present.

##### Required Safety & Personal Protective Equipment

| Required Personal Protective Equipment (PPE) | Task 1                              | Task 2                                     | Task 3                              |                          |
|----------------------------------------------|-------------------------------------|--------------------------------------------|-------------------------------------|--------------------------|
|                                              | Drilling                            | Soil, Soil Vapor, And Groundwater Sampling | Geophysical Survey                  | Enter task description.  |
| Sampling Glasses                             | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Safety Toed Shoes                            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Hearing Protection                           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Class 2 Safety Vest                          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Face Shield                                  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Level of protection required                 | D                                   | D                                          | D                                   | Select                   |
| Required Safety Equipment                    |                                     |                                            |                                     |                          |
| First Aid Kit                                | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

## 5. TRAINING REQUIREMENTS

The table below lists the training requirements staff must have respective to their assigned tasks and that are required to access the Site.

### Site Specific Training Requirements

HAZWOPER - 40 Hour (Initial)

HAZWOPER - 8 Hour (Annual Refresher)

### Task Specific Training Requirements

| Required Training Type                                                                                      | Task 1                              | Task 2                                              | Task 3                              | Task 4                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------|-------------------------------------|----------------------------|
|                                                                                                             | Drilling                            | Soil, Soil Vapor,<br>And<br>Groundwater<br>Sampling | Geophysical<br>Survey               | Enter task<br>description. |
| HAZWOPER - 40 Hour (Initial);<br>HAZPOWER -8 Hour (Annual<br>Refresher); and Site - Specific<br>Orientation | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>   |



**6. AIR MONITORING PLAN AND EQUIPMENT**

Exposures to airborne substances shall be fully characterized throughout project operations to ensure that exposure controls are effectively selected and modified as needed.

Is air/exposure monitoring required at this work site for personal protection? No

Is perimeter monitoring required for community protection? No

Air monitoring plan not applicable? No

## 7. DECONTAMINATION & DISPOSAL METHODS

All possible and necessary steps shall be taken to reduce or minimize contact with chemicals and contaminated/impacted materials while performing field activities (e.g., avoid sitting or leaning on, walking through, dragging equipment through or over, tracking, or splashing potential or known contaminated/impacted materials.)

### Personal Hygiene Safeguards

The following minimum personal hygiene safeguards shall be adhered to:

1. No smoking or tobacco products in any project work areas.
2. No eating or drinking in the exclusion zone.
3. It is required that personnel present on site wash hands before eating, smoking, taking medication, chewing gum/tobacco, using the restroom, or applying cosmetics and before leaving the site for the day.

It is recommended that personnel present on site shower or bathe at home at the end of each day of working on the site.

### Decontamination Supplies

All decontamination should be conducted at the project site in designated zones or as dictated by Client requirements. Decontamination should not be performed on Haley & Aldrich owned or leased premises.

|                                                      |                                                     |                                                 |
|------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------|
| <input type="checkbox"/> Acetone                     | <input checked="" type="checkbox"/> Distilled Water | <input type="checkbox"/> Polyethylene Sheeting  |
| <input checked="" type="checkbox"/> Alconox Soap     | <input type="checkbox"/> Drums                      | <input type="checkbox"/> Pressure/Steam Cleaner |
| <input checked="" type="checkbox"/> Brushes          | <input type="checkbox"/> Hexane                     | <input checked="" type="checkbox"/> Tap Water   |
| <input checked="" type="checkbox"/> Disposal Bags    | <input type="checkbox"/> Methanol                   | <input type="checkbox"/> Wash tubs              |
| <input checked="" type="checkbox"/> 5 Gallon Buckets | <input checked="" type="checkbox"/> Paper Towels    | <input type="checkbox"/> Other: Specify         |

### Location of Decontamination Station

Decontamination will take place prior to leaving the Site at the exit.

### Standard Personal Decontamination Procedures

Outer gloves and boots should be decontaminated periodically as necessary and at the end of the day. Brush off solids with a hard brush and clean with soap and water or other appropriate cleaner whenever possible. Remove inner gloves carefully by turning them inside out during removal. Wash hands and forearms frequently. It is good practice to wear work-designated clothing while on-site which can be removed as soon as possible. Non-disposable overalls and outer work clothing should be bagged onsite prior to laundering. If gross contamination is encountered on-site contact the Project Manager and Field Safety Manager to discuss proper decontamination procedures.

The steps required for decontamination will depend upon the degree and type of contamination but will generally follow the sequence below.

1. Remove and wipe clean hard hat
2. Rinse boots and gloves of gross contamination
3. Scrub boots and gloves clean
4. Rinse boots and gloves
5. Remove outer boots (if applicable)
6. Remove outer gloves (if applicable)
7. Remove Tyvek coverall (if applicable)
8. Remove respirator, wipe clean and store (if applicable)
9. Remove inner gloves (if outer gloves were used)

PPE that is not grossly contaminated can be bagged and disposed in regular trash receptacles.

### Small Equipment Decontamination

Pretreatment of heavily contaminated equipment may be conducted as necessary:

1. Remove gross contamination using a brush or wiping with a paper towel
2. Soak in a solution of Alconox and water (if possible)
3. Wipe off excess contamination with a paper towel

Standard decontamination procedure:

4. Wash using a solution of Alconox and water
5. Rinse with potable water
6. Rinse with methanol (or equivalent)
7. Rinse with distilled/deionized water

Inspect the equipment for any remaining contamination and repeat as necessary.

### Disposal Methods

Procedures for disposal of contaminated materials, decontamination waste, and single use personal protective equipment shall meet applicable client, local, State, and Federal requirements.

### Disposal of Single Use Personal Protective Equipment

PPE that is not grossly contaminated can be bagged and disposed in regular trash receptacles. PPE that is grossly contaminated must be bagged (sealed and field personnel should communicate with the Project Manager to determine proper disposal).

- Contaminated soil cuttings and spoils must be containerized for disposal off-site unless otherwise specifically directed.
- Soil cuttings and spoils determined to be free of contamination through field screening can usually be returned to the boreholes or excavations from which they came.

## 8. SITE CONTROL

The overall purpose of site control is to minimize potential contamination of workers, protect the public from the site's hazards, and prevent vandalism. Site control is especially important in emergency situations. The degree of site control necessary depends on site characteristics, site size, and the surrounding community. The following information identifies the elements used to control the activities and movements of people and equipment at the project site.

| Communication                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Internal</b><br/>Haley &amp; Aldrich site personnel will communicate with other Haley &amp; Aldrich staff member and/or subcontractors or contractors with:</p> <p>Face to Face Communication</p>                                                                                                                                                                                                                        |
| <p><b>External</b><br/>H&amp;S site personnel will use the following means to communicate with off-site personnel or emergency services.</p> <p>Cellular Phones</p>                                                                                                                                                                                                                                                            |
| Visitors                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p><b>Project Site</b><br/>Will visitors be required to check-in prior to accessing the project site?</p> <p>Yes</p>                                                                                                                                                                                                                                                                                                           |
| <p><b>Visitor Access</b><br/>Authorized visitors that require access to the project site need to be provided with known information with respect to the site operations and hazards as applicable to the purpose of their site visit. Authorized visitors must have the required PPE and appropriate training to access the project site.</p> <p>Zachary Simmer is responsible for facilitating authorized visitor access.</p> |
| Zoning                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p><b>Work Zone</b><br/>The work zone will be clearly delineated to ensure that the general public or unauthorized worker access is prevented. The following will be used:</p> <p>Cones, locked doors/gates</p>                                                                                                                                                                                                                |

## 9. SITE SPECIFIC EMERGENCY RESPONSE PLAN

The Emergency Response Plan addresses potential emergencies at this site, procedures for responding to these emergencies, roles, responsibilities during emergency response, and training. This section also describes the provisions this project has made to coordinate its emergency response with other contractors onsite and with offsite emergency response organizations (as applicable).

During the development of this emergency response plan, local, state, and federal agency disaster, fire, and emergency response organizations were consulted (if required) to ensure that this plan is compatible and integrated with plans of those organizations. Documentation of the dates of these consultations and the names of individuals contacted is kept on file and available upon request.

The site has been evaluated for potential emergency occurrences, based on site hazards, and the major categories of emergencies that could occur during project work are:

- Fire(s)/Combustion
- Hazardous Material Event
- Medical Emergency
- Natural Disaster

A detailed list of emergency types and response actions are summarized in Table X below. Prior to the start of work, the SSO will update the table with any additional site-specific information regarding evacuations, muster points, or additional emergency procedures. The SSO will establish evacuation routes and assembly areas for the Site. All personnel entering the Site will be informed of these routes and assembly areas.

### Pre-Emergency Planning

Before the start of field activities, the Project Manager will ensure preparation has been made in anticipation of emergencies. Preparatory actions include the following:

Meeting with the subcontractor/and or client concerning the emergency procedures in the event a person is injured. Appropriate actions for specific scenarios will be reviewed. These scenarios will be discussed, and responses determined before the sampling event commences. A form of emergency communication (i.e.; Cell phone, Air horn, etc.) between the Project Manager and subcontractor and/or client will be agreed on before the work commences.

A training session (i.e., “safety meeting”) given by the Project Manager or their designee informing all field personnel of emergency procedures, locations of emergency equipment and their use, and proper evacuation procedures.

Ensuring field personnel are aware of the existence of the emergency response HASP and ensuring a copy of the HASP accompanies the field team(s).

### Onsite Emergency Response Equipment

Emergency procedures may require specialized equipment to facilitate work rescue, contamination control and reduction or post-emergency cleanup. Emergency response equipment stocked

| Table 9.1 Emergency Equipment and Emergency PPE |                        |                  |                    |
|-------------------------------------------------|------------------------|------------------|--------------------|
| Emergency Equipment                             | Specific Type          | Quantity Stocked | Location Stored    |
| First Aid Kit                                   | General First Aid Kit  | 1                | With H&A personnel |
| Emergency PPE                                   | Specific Type          | Quantity Stocked | Location Stored    |
| Gloves - "Nitrile"                              | General Nitrile Gloves | 1 Box            | With H&A personnel |

| EVACUATION ALARM                                                             |
|------------------------------------------------------------------------------|
| Verbal Communication (Site Personnel are adjacent in work zone)              |
| EVACUATION ROUTES                                                            |
| Will be given a map after site specific training                             |
| EVACUATION MUSTER POINT(S)/ SHELTER AREA(S)                                  |
| Will be given location after site specific training                          |
| EVACUTION RESPONSE DRILLS                                                    |
| The Site relies on outside emergency responders and a drill is not required. |

Table 9-2 – Emergency Planning

| Emergency Type                                                                                                                                                                                                                              | Notification                                                                      | Response Action                                                                             | Evacuation Plan/Route                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Chemical Exposure                                                                                                                                                                                                                           | Report event to SSO immediately                                                   | Refer to Safety Data Sheet for required actions                                             | Remove personnel from work zone                                             |
| Fire - Small                                                                                                                                                                                                                                | Notify SSO and contact 911                                                        | Use fire extinguisher if safe and qualified to do so                                        | Mobilize to <i>Muster Point</i>                                             |
| Fire – Large/Explosion                                                                                                                                                                                                                      | Notify SSO and contact 911                                                        | Evacuate immediately                                                                        | Mobilize to <i>Muster Point</i>                                             |
| Hazardous Material – Spill/Release                                                                                                                                                                                                          | Notify SSO; SSO will contact PM to determine if additional agency notification is | If practicable don PPE and use spill kit and applicable procedures to contain the release   | See Evacuation Map for route, move at least 100 ft upwind of spill location |
| Medical – Bloodborne Pathogen                                                                                                                                                                                                               | Notify SSO                                                                        | If qualified dispose in container or call client or city to notify for further instruction. | None Anticipated                                                            |
| Medical – First Aid                                                                                                                                                                                                                         | Notify SSO                                                                        | If qualified perform first aid duties                                                       | None Anticipated                                                            |
| Medical – Trauma                                                                                                                                                                                                                            | If life threatening or transport is required call 911, immediately                | Wait at site entrance for ambulance                                                         | Noe Anticipated                                                             |
| Security Threat                                                                                                                                                                                                                             | Notify SSO who will call 911 as warranted                                         | Keep all valuables out of site and work zones delineated.                                   | None Anticipated                                                            |
| Weather – Earthquake/Tsunami’s                                                                                                                                                                                                              | STOP WORK and evacuate Site upon any earthquake                                   | Turn off equipment and evacuate as soon as is safe to do so                                 | Mobilize to <i>Shelter Location</i>                                         |
| Weather – Lightning Storm                                                                                                                                                                                                                   | STOP WORK                                                                         | Work may resume 30 minutes after the last observed lightning.                               | None Anticipated                                                            |
| Weather – Tornadoes/Hurricanes                                                                                                                                                                                                              | Monitor weather conditions<br>STOP WORK and evacuate the site                     | Evacuate to shelter location or shelter in place immediately                                | Mobilize to <i>Shelter Location</i>                                         |
| <u>MUSTER POINT</u><br>Site walk along Bruckner Avenue                                                                                                                                                                                      |                                                                                   | <u>SHELTER LOCATION</u><br>Personal vehicle                                                 |                                                                             |
| In case of site emergencies, site personnel shall be evacuated per this table and will not participate in emergency response activities. Site emergencies shall be reported to local, state, and federal governmental agencies as required. |                                                                                   |                                                                                             |                                                                             |

## 10. HASP ACKNOWLEDGEMENT FORM

**All Haley & Aldrich employees onsite must sign this form prior to entering the site.**

I hereby acknowledge receipt of, and briefing on, this HASP prior to the start of on-site work. I declare that I understand and agree to follow the provisions, processes, and procedures set forth herein at all times while working on this site.

[illegible]



**ATTACHMENT A  
HASP AMENDMENT FORM**

### HASP AMENDMENT FORM

This form is to be used whenever there is an immediate change in the project scope that will require an amendment to the HASP. For project scope changes associated with “add-on” tasks, the changes must be made in the body of the HASP. Before changes can be made, a review of the potential hazards must be initiated by the Haley & Aldrich Project Manager.

This original form must remain on site with the original HASP. If additional copies of this HASP have been distributed, it is the Project Manager’s responsibility to forward a signed copy of this amendment to those who have copies.

|                                |  |
|--------------------------------|--|
| Amendment No.                  |  |
| Site Name                      |  |
| Work Assignment No.            |  |
| Date                           |  |
| Type of Amendment              |  |
| Reason for Amendment           |  |
| Alternate Safeguard Procedures |  |
| Required Changes in PPE        |  |

---

Project Manager Name (Print)

Project Manager Signature

Date

---

Health & Safety Approver Name  
(Print)

Health & Safety Approver Signature

Date

**ATTACHMENT B  
TRAINING REQUIREMENTS**

| TRAINING REQUIREMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Health and Safety Training Requirements</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>Personnel will not be permitted to supervise or participate in field activities until they have been trained to a level required by their job function and responsibility. Haley &amp; Aldrich staff members, contractors, subcontractors, and consultants who have the potential to be exposed to contaminated materials or physical hazards must complete the training described in the following sections.</p> <p>The Haley &amp; Aldrich Project Manager/FSM will be responsible for maintaining and providing to the client/site manager documentation of Haley &amp; Aldrich staff members' compliance with required training as requested. Records shall be maintained per OSHA requirements.</p>                                                       |
| <b>40-Hour Health and Safety Training</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>The 40-Hour Health and Safety Training course provides instruction on the nature of hazardous waste work, protective measures, proper use of personal protective equipment, recognition of signs and symptoms which might indicate exposure to hazardous substances, and decontamination procedures. It is required for all personnel working on-site, such as equipment operators, general laborers, and supervisors, who may be potentially exposed to hazardous substances, health hazards, or safety hazards consistent with 29 CFR 1910.120.</p>                                                                                                                                                                                                          |
| <b>8-hour Annual Refresher Training</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p>Personnel who complete the 40-hour health and safety training are subsequently required to attend an annual 8-hour refresher course to remain current in their training. When required, site personnel must be able to show proof of completion (i.e., certification) at an 8-hour refresher training course within the past 12 months.</p>                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>8-Hour Supervisor Training</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>On-site managers and supervisors directly responsible for, or who supervise staff members engaged in hazardous waste operations, should have eight additional hours of Supervisor training in accordance with 29 CFR 1910.120. Supervisor Training includes, but is not limited to, accident reporting/investigation, regulatory compliance, work practice observations, auditing, and emergency response procedures.</p>                                                                                                                                                                                                                                                                                                                                      |
| <b>Additional Training for Specific Projects</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>Haley &amp; Aldrich personnel will ensure their personnel have received additional training on specific instrumentation, equipment, confined space entry, construction hazards, etc., as necessary to perform their duties. This specialized training will be provided to personnel before engaging in the specific work activities including:</p> <ul style="list-style-type: none"> <li>• Client specific training or orientation</li> <li>• Competent person excavations</li> <li>• Confined space entry (entrant, supervisor, and attendant)</li> <li>• Heavy equipment including aerial lifts and forklifts</li> <li>• First aid/ CPR</li> <li>• Use of fall protection</li> <li>• Use of nuclear density gauges</li> <li>• Asbestos awareness</li> </ul> |

**ATTACHMENT C  
ROLES AND RESPONSIBILITIES**

| SITE ROLES AND RESPONSIBILITIES                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Haley & Aldrich Personnel                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Field Safety Manager (FSM)</b>              | <p>The Haley &amp; Aldrich FSM is a full-time Haley &amp; Aldrich staff member, trained as a safety and health professional, who is responsible for the interpretation and approval of this Safety Plan. Modifications to this Safety Plan cannot be undertaken by the PM or the SSO without the approval of the FSM.</p> <p>Specific duties of the FSM include:</p> <ul style="list-style-type: none"> <li>• Approving and amending the Safety Plan for this project</li> <li>• Advising the PM and SHSOs on matter relating to health and safety</li> <li>• Recommending appropriate personal protective equipment (PPE) and air monitoring instrumentation</li> <li>• Maintaining regular contact with the PM and SSO to evaluate the conditions at the property and new information which might require modifications to the HASP and</li> <li>• Reviewing and approving JSAs developed for the site-specific hazards.</li> </ul>                                                                                                                                                                                                                                                 |
| <b>Project Manager (PM)</b>                    | <p>The Haley &amp; Aldrich PM is responsible for ensuring that the requirements of this HASP are implemented at that project location. Some of the PM's specific responsibilities include:</p> <ul style="list-style-type: none"> <li>• Assuring that all personnel to whom this HASP applies have received a copy of it;</li> <li>• Providing the FSM with updated information regarding environmental conditions at the site and the scope of site work;</li> <li>• Providing adequate authority and resources to the on-site SHSO to allow for the successful implementation of all necessary safety procedures;</li> <li>• Supporting the decisions made by the SHSO;</li> <li>• Maintaining regular communications with the SHSO and, if necessary, the FSM;</li> <li>• Coordinating the activities of all subcontractors and ensuring that they are aware of the pertinent health and safety requirements for this project;</li> <li>• Providing project scheduling and planning activities; and</li> <li>• Providing guidance to field personnel in the development of appropriate Job Safety Analysis (JSA) relative to the site conditions and hazard assessment.</li> </ul> |
| <b>Site Health &amp; Safety Officer (SHSO)</b> | <p>The SHSO is responsible for field implementation of this HASP and enforcement of safety rules and regulations. SHSO functions may include some or all of the following:</p> <ul style="list-style-type: none"> <li>• Act as Haley &amp; Aldrich's liaison for health and safety issues with client, staff, subcontractors, and agencies.</li> <li>• Verify that utility clearance has been performed by Haley &amp; Aldrich subcontractors.</li> <li>• Oversee day-to-day implementation of the Safety Plan by Haley &amp; Aldrich personnel on site.</li> <li>• Interact with subcontractor project personnel on health and safety matters.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

- Verify use of required PPE as outlined in the safety plan.
- Inspect and maintain Haley & Aldrich safety equipment, including calibration of air monitoring instrumentation used by Haley & Aldrich.
- Perform changes to HASP and document in Appendix A of the HASP as needed and notify appropriate persons of changes.
- Investigate and report on-site accidents and incidents involving Haley & Aldrich and its subcontractors.
- Verify that site personnel are familiar with site safety requirements (e.g., the hospital route and emergency contact numbers).
- Report accidents, injuries, and near misses to the Haley & Aldrich PM and FSM as needed.

The SHSO will conduct initial site safety orientations with site personnel (including subcontractors) and conduct toolbox and safety meetings thereafter with Haley & Aldrich employees and Haley & Aldrich subcontractors at regular intervals and in accordance with Haley & Aldrich policy and contractual obligations. The SHSO will track the attendance of site personnel at Haley & Aldrich orientations, toolbox talks, and safety meetings.

#### Field Personnel

Haley & Aldrich personnel are responsible for following the health and safety procedures specified in this HASP and for performing their work in a safe and responsible manner. Some of the specific responsibilities of the field personnel are as follows:

- Reading the HASP in its entirety prior to the start of on-site work;
- Submitting a completed Safety Plan Acceptance Form and documentation of medical surveillance and training to the SHSO prior to the start of work;
- Attending the pre-entry briefing prior to beginning on-site work;
- Bringing forth any questions or concerns regarding the content of the Safety Plan to the PM or the SHSO prior to the start of work;
- Stopping work when it is not believed it can be performed safely;
- Reporting all accidents, injuries and illnesses, regardless of their severity, to the SHSO;
- Complying with the requirements of this safety plan and the requests of the SHSO; and
- Reviewing the established JSAs for the site-specific hazards on a daily basis and prior to each shift change, if applicable.

#### Visitors

Authorized visitors (e.g., Client Representatives, Regulators, Haley & Aldrich management staff, etc.) requiring entry to any work location on the site will be briefed by the Site Supervisor on the hazards present at that location. Visitors will be escorted at all times at the work location and will be responsible for compliance with their employer's health and safety policies. In addition, this safety plan specifies the minimum acceptable qualifications, training and personal protective equipment which are required for entry to any controlled work area; visitors must comply with these requirements at all times. Unauthorized visitors, and visitors not meeting the specified qualifications, will not be permitted within established controlled work areas.

| SUBCONTRACTOR PERSONNEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Subcontractor Site Representative</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <p>Each contractor and subcontractor shall designate a Contractor Site Representative. The Contractor Site Representative will interface directly with Insert Staff Name Here, the Subcontractor Site Safety Manager, with regards to all areas that relate to this safety plan and safety performance of work conducted by the contractor and/or subcontractor workforce. Contractor Site Representatives for this site are listed in the Contact Summary Table at the beginning of the Safety Plan.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Subcontractor Site Safety Manager</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <p>Each contractor / subcontractor will provide a qualified representative who will act as their Site Safety Manager (Sub-SSM). This person will be responsible for the planning, coordination, and safe execution of subcontractor tasks, including preparation of job hazard analyses (JHA), performing daily safety planning, and coordinating directly with the Haley &amp; Aldrich SHSO for other site safety activities. This person will play a lead role in safety planning for Subcontractor tasks, and in ensuring that all their employees and lower tier subcontractors are in adherence with applicable local, state, and/or federal regulations, and/or industry and project specific safety standards or best management practices.</p> <p>General contractors / subcontractors are responsible for preparing a site-specific HASP and/or other task specific safety documents (e.g., JHAs), which are, at a minimum, in compliance with local, state, and/or federal other regulations, and/or industry and project specific safety standards or best management practices. The contractor(s)/subcontractor(s) safety documentation will be at least as stringent as the health and safety requirements of the Haley &amp; Aldrich Project specific HASP.</p> <p>Safety requirements include, but are not limited to: legal requirements, contractual obligations and industry best practices. Contractors/subcontractors will identify a site safety representative during times when contractor/subcontractor personnel are on the Site. All contractor/subcontractor personnel will undergo a field safety orientation conducted by the Haley &amp; Aldrich SHSO and/or PM prior to commencing site work activities. All contractors / subcontractors will participate in Haley &amp; Aldrich site safety meetings and their personnel will be subject to training and monitoring requirements identified in this Safety Plan. If the contractors / subcontractors means and methods deviate from the scope of work described in Section 1 of this Safety Plan, the alternate means and methods must be submitted, reviewed and approved by the Haley &amp; Aldrich SHSO and/or PM prior to the commencement of the work task. Once approved by the Haley &amp; Aldrich SHSO and/or PM, the alternate means and methods submittal will be attached to this Safety Plan as an Addendum.</p> |



**ATTACHMENT D  
JOB SAFETY ANALYSES**



**Safety**  
in everything we do

## 808-834 METROPOLITAN AVENUE

**KEY TASK** ENTER TASK NUMBER.: ENTER TASK NAME.

| Subtask Category           | Potential Hazards                        | Controls                                                                              |
|----------------------------|------------------------------------------|---------------------------------------------------------------------------------------|
| Drilling                   | Slips, Trips, and Falls                  | <ul style="list-style-type: none"> <li>Keep work area clear</li> </ul>                |
| Drilling                   | Utility locators and underground hazards | <ul style="list-style-type: none"> <li>Utility mark out</li> </ul>                    |
| Drilling                   | Noise reduction                          | <ul style="list-style-type: none"> <li>Wear appropriate noise reducing PPE</li> </ul> |
| Drilling                   | Heavy equipment                          | <ul style="list-style-type: none"> <li>Avoid line of fire, wear PPE</li> </ul>        |
| Sampling                   | Slips, trips, and falls                  | <ul style="list-style-type: none"> <li>Keep work area clear</li> </ul>                |
| Sampling                   | Slips, trips, and falls                  | <ul style="list-style-type: none"> <li>Wear PPE</li> </ul>                            |
| Enter subtask information. | Choose category.                         | <ul style="list-style-type: none"> <li>Enter control(s) for each hazard.</li> </ul>   |
| Enter subtask information. | Choose category.                         | <ul style="list-style-type: none"> <li>Enter control(s) for each hazard.</li> </ul>   |
| Enter subtask information. | Choose category.                         | <ul style="list-style-type: none"> <li>Enter control(s) for each hazard.</li> </ul>   |
| Enter subtask information. | Choose category.                         | <ul style="list-style-type: none"> <li>Enter control(s) for each hazard.</li> </ul>   |
| Enter subtask information. | Choose category.                         | <ul style="list-style-type: none"> <li>Enter control(s) for each hazard.</li> </ul>   |
| Enter subtask information. | Choose category.                         | <ul style="list-style-type: none"> <li>Enter control(s) for each hazard.</li> </ul>   |
| Enter subtask information. | Choose category.                         | <ul style="list-style-type: none"> <li>Enter control(s) for each hazard.</li> </ul>   |
| Enter subtask information. | Choose category.                         | <ul style="list-style-type: none"> <li>Enter control(s) for each hazard.</li> </ul>   |

**ATTACHMENT E  
SITE-SPECIFIC OPERATING PROCEDURES**

**ATTACHMENT F  
COVID-19 DOCUMENTS**



# COVID 19 Policy Field Office/Trailer Use

HEALTH & SAFETY FACTSHEET

- **H&A Field Staff are not allowed to use a shared field office or trailer if:**
  - The occupancy is over the current State allowed limit.
  - It is not possible to maintain 6' of separation at all times.
  - The site is not following strict COVID protocol for physical distancing and mask use.
  - There is poor ventilation.
  - There are no sanitation programs or practices. If H&A employees have work areas in a shared field trailer controlled by others, obtain information from controlling employer on sanitation practices.
- The H&A Site Safety Officers are responsible for cleaning all common areas within a field office or trailer space.
- To clean, use disinfectants found on the EPA list. Disinfecting refers to products that kill germs and lowers the risk of spreading infection. If you are not currently using a disinfectant on these surfaces, please purchase them.
- Labels contain instructions for safe and effective use of the product including precautions you should take when applying the product, such as wearing gloves (Personal Protective Equipment) and making sure you have good ventilation during use of the product. Gloves should be discarded after each cleaning and disinfection.
- Provide disposable disinfecting wipes for staff to use on commonly used surfaces (ex. keyboards, desks, etc.), which can be wiped down by staff at their own workstations. Throw disinfecting wipes away after one use.
- Have hand sanitizer available at your common areas for staff use. Post the WHO Hand Rubbing poster near sanitizers.
- If offices/trailers are not controlled by H&A, we recommend staff wear disposable nitrile gloves while accessing commons spaces (ex. opening doors, copy areas, shared desks) to limit potential exposures in areas controlled by others.



Routinely clean (at least once per day) and disinfect all frequently touched surfaces in the workplace such as desktops, refrigerators, microwaves, coffee makers, doorknobs, etc.



Use approved cleaners and disinfectants as directed. Ensure proper personal protective equipment is used. Throw away disposable items after each use such as gloves and disinfecting wipes.



Provide hand sanitizers, soap, and disinfectants to employees, business partners, and visitors for personal use, and encourage everyone to clean their desks, phones, cell phones, chairs, etc.



# COVID 19 Policy Field Office/Trailer Use

HEALTH & SAFETY FACTSHEET

- EPA has an approved list of cleaners and disinfectants for the coronavirus that causes COVID-19.
- Many are common cleaners and disinfectants that may already be used in our offices, project sites, and in your homes.
- Check the updated list here:

<https://www.epa.gov/pesticide-registration/list-n-disinfectants-coronavirus-covid-19>

**To assist in managing project office/trailer cleaning and disinfection, we have reserved this space for location specific information.**

Hand sanitizer, cleaners, and disinfectants used at this location and where they can be found  
*(Insert items being used):*

Schedule of cleaning and disinfection practices *(Insert practices for this location):*

## Daily COVID Self-Declaration and H&S Tailgate Meeting Form

|                                      |                    |
|--------------------------------------|--------------------|
| Project:                             | Project No.:       |
| Location:                            | Project Manager:   |
| Subcontractor(s):                    | Date:              |
| Site Safety & Health Officer (SSHO): | SSHO Contact Info: |

### Worker Acknowledgement

By signing here, I am stating the following:

1. I understand the hazards and risk control actions associated with each task I am about to perform.
2. I understand the permit to work requirements pertinent to the work I am about to perform (if applicable).
3. I am aware that no tasks or work that is not risk-assessed is to be performed.
4. I am also aware of my obligation to implement 'Safe Work'.
5. I arrived and departed fit for duty.
6. I am physically and mentally fit for duty.
7. I am not under the influence of any type of medication, drugs, or alcohol that could affect my ability to work safely.
8. I am aware of my responsibility to bring any illness, injury (regardless of where or when it occurred), or fatigue issue I may have to the attention of the SSHO.
9. I signed out uninjured unless I have otherwise informed the SSHO.
10. I acknowledge that in the past 14 days I have not had any COVID related symptoms or illness, nor have I been in close contact with anyone who has or had COVID related symptoms or illness.

#### Common COVID-19 Symptoms:

- Fever
- Sinus Pain
- Cough
- Altered smell or taste
- Expectoration
- Stuffy nose
- Chills
- Fatigue
- Sore Throat
- Headache
- Difficulty Breathing
- Joint or Muscle Pain
- Diarrhea
- Vomiting

| Name (print) | Company | Initials & Sign In/Out Time |           |
|--------------|---------|-----------------------------|-----------|
|              |         | In & Fit                    | Out & Fit |
|              |         |                             |           |
|              |         |                             |           |
|              |         |                             |           |
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|              |         |                             |           |
|              |         |                             |           |

### Visitor Log *(Site Visitors not involved in the work activities)*

| Name (print) | Company | Initials & Sign In/Out Time |           |
|--------------|---------|-----------------------------|-----------|
|              |         | In & Fit                    | Out & Fit |
|              |         |                             |           |
|              |         |                             |           |
|              |         |                             |           |
|              |         |                             |           |
|              |         |                             |           |
|              |         |                             |           |
|              |         |                             |           |

### Emergency Procedures

If an emergency occurs, follow procedure outlined in the HASP and contact numbers below. If non-life-threatening injury occurs, contact PM to report the incident. Seek first-aid treatment from the Occupational Health Center, as outlined in the HASP.

|                                                    |                              |
|----------------------------------------------------|------------------------------|
| Emergency Dispatch phone number if other than 911: |                              |
| Local Hospital:                                    | Local Hospital Phone #:      |
| Evacuation/Muster Point:                           | Alt Evacuation/Muster Point: |

### Simultaneous Operations (SIMOPS)

|                                                |                              |                             |                          |
|------------------------------------------------|------------------------------|-----------------------------|--------------------------|
| <b>SIMOPS or Multi-Crew Activity</b>           | <input type="checkbox"/> Yes | <input type="checkbox"/> No | If yes, describe SIMOPS: |
| Has SIMOPS been communicated to all workforce? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |                          |
| <b>SIMOPS PIC:</b>                             |                              |                             | <b>Phone Number:</b>     |

### Task Identification

| Task | Responsible Company | Task Supervisor |
|------|---------------------|-----------------|
|      |                     |                 |
|      |                     |                 |
|      |                     |                 |
|      |                     |                 |
|      |                     |                 |

### Required Permits/Forms (check all that apply)

|                                                      |                                                    |                                 |
|------------------------------------------------------|----------------------------------------------------|---------------------------------|
| <input type="checkbox"/> None                        | <input type="checkbox"/> Lifting Plan              | <input type="checkbox"/> Other: |
| <input type="checkbox"/> Confined Space Entry Permit | <input type="checkbox"/> Hot Work Permit           | <input type="checkbox"/> Other: |
| <input type="checkbox"/> Lock-out / Tag-out (LOTO)   | <input type="checkbox"/> Ground Disturbance Permit | <input type="checkbox"/> Other: |
| <input type="checkbox"/> Excavation Permit           | <input type="checkbox"/> Other:                    | <input type="checkbox"/> Other: |

### Discussion of Work Hazards (check all that apply)

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Chemical<br><input type="checkbox"/> Confined space<br><input type="checkbox"/> Congested work area<br><input type="checkbox"/> Elevated work<br><input type="checkbox"/> Ergonomics<br><input type="checkbox"/> Emergency egress | <input type="checkbox"/> Hazardous materials (lead, asbestos, etc.)<br><input type="checkbox"/> Hoisting and rigging<br><input type="checkbox"/> Hot work<br><input type="checkbox"/> Material handling<br><input type="checkbox"/> Noise pollution<br><input type="checkbox"/> Oxygen deficiency | <input type="checkbox"/> Radiological<br><input type="checkbox"/> Stored energy LOTO<br><input type="checkbox"/> Traffic control<br><input type="checkbox"/> Weather and/or temp extremes<br><input type="checkbox"/> Waste generation<br><input type="checkbox"/> Other: |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Required PPE (check all that apply)

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |  |
| <input type="checkbox"/>                                                            | <input type="checkbox"/>                                                            | <input type="checkbox"/>                                                            | <input type="checkbox"/>                                                            | <input type="checkbox"/>                                                            | <input type="checkbox"/>                                                            | <input type="checkbox"/>                                                            | <input type="checkbox"/>                                                              | <input type="checkbox"/>                                                              | <input type="checkbox"/>                                                              | <input type="checkbox"/>                                                              |
| Hearing Protection                                                                  | Safety Eyewear                                                                      | Hard Hat                                                                            | Safety Toed Shoes                                                                   | Leather or Palm Protective                                                          | Safety Vest                                                                         | Protective Clothing                                                                 | Respiratory Protection                                                                | PFD                                                                                   | Face Shield                                                                           | Fall Protection                                                                       |



### Tailgate Topic / Hazard Discussion

| Item | Discussion |
|------|------------|
|      |            |
|      |            |
|      |            |
|      |            |

### Management of Change (MoC)

|                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Does the work activity require a MoC? If yes, has it been authorized by applicable management? <input type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                           |
| Has the safety information been updated to incorporate any change in product, equipment, material, or process? This information should include how to investigate accidents, audit compliance with safety procedures, and plan for emergency responses.<br><input type="checkbox"/> No <input type="checkbox"/> Yes                                                               |
| Have the procedures for a MoC been reviewed and evaluated? <input type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                                               |
| Have all affected staff been informed and trained on the new equipment, process, or other changes? Health and safety hazards must be emphasized including processes/procedures in an emergency. The training must occur before any staff is allowed to operate the equipment or perform the job relating to the changes. <input type="checkbox"/> No <input type="checkbox"/> Yes |
| Have written procedures been put into place for the next time there is a change in safety management? <input type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                    |

|                                                                                                                 |                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Best Practice(s) Observed?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No<br>If yes, describe: | <b>H&amp;S Observations/ Near Misses/ Incidents Reported?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No<br>If yes, describe:                                                         |
| <b>Safe Work Interventions?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No<br>If yes, describe:   | <b>Have additional hazards and risk controls been identified for future work?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No<br>If yes, update appropriate job hazard analysis (JHA). |

### Site Safety & Health Officer Acknowledgement

At the conclusion of the day, I certify that the work site has been inspected and is being left in a safe and clean condition and any incidents have been properly reported.

Signature

Date



## Project Shutdown/Suspension Covid-19

To be completed by Project Manager.

**Please be sure to include a copy of the contract  
controlling the project when submitting this form via email.**

If your project is shut down and/or suspended please provide the following information.

**Reason for project interruption/shut down:**

\_\_\_\_\_ Due to governmental action (e.g., 6 Bay Area counties' "Shelter In Place").

\_\_\_\_\_ By the client because of Covid-19.

\_\_\_\_\_ Other, Please describe: \_\_\_\_\_

**Client Name:** \_\_\_\_\_

**Project Name and Number:** \_\_\_\_\_

**Name of CL and MSL:** \_\_\_\_\_

**Names of subcontractors or subconsultants.**

**Description of the client's method of notification** (phone call, email from client, etc.).

**Description of the extent of the shutdown or suspension.** For example: Is it limited to field work?

Please email this completed form back to Pat McKee (Legal) at [pmckee@haleyaldrich.com](mailto:pmckee@haleyaldrich.com).

Thank you.



# COVID 19 Policy Roles & Responsibilities

HEALTH & SAFETY FACTSHEET

## ALL STAFF MEMBERS

- Accountable for complying with all general COVID policy included in the COVID documents, and for all Office specific requirements identified in the office specific HASP.
- Accountable for submitting a self-declaration form via Gensuite prior to any entry into Haley & Aldrich work environment, office or project site.
- Accountable for cleaning and disinfecting their space at least twice per day and more routinely if necessary.
- Accountable for cleaning and disinfecting common touch points in the office prior to and after using them (e.g., door handles, railings).
- Accountable for helping clean/disinfect common surfaces in the office at least twice per day and more routinely if possible.

## COVID RESPONSE LEADER

- Overall accountability for the COVID response within the office.
- Work with H&S to develop an effective Office COVID Health and Safety Plan (HASP) and continue to work with H&S to check and adjust the plan as needed.
- Responsible for monitoring local conditions to identify if local cases begin to rise, if there are changes to government orders, or issues with execution of the Office COVID HASP that would require Haley & Aldrich to consider re-closing the office.
- Work with the COVID Coordinator to identify weaknesses in the plan, the execution, and staff compliance and make corrections as needed.
- Support the COVID Coordinator in correcting staff behavior when necessary.
- Primary liaison with the General Manager and H&S on all COVID issues.
  - Report issues with the plan or the execution of the plan.
  - Report local concerns, changes in government orders, and COVID related case concerns.
  - Work with the GM and H&S to make on-going determinations to move forward in opening the office or step back.
- The COVID Response Leader does not need to be in the office on a daily basis.

To review all HASPs related to COVID-19, go to the HANK Health and Safety page. On the right-hand side, you will find links to the COVID resources.

All Office HASPs can be found by clicking on the “COVID-19” green button and then clicking on the “Click Here” link to the right of the title.

COVID-19  
STAFF CENTER RESOURCES

COVID-19  
OFFICE HASPS  
POLICY DOCUMENTS  
LEGAL INFORMATION  
FACT SHEETS  
POSTING COMMUNICATIONS

Office Health & Safety Plans: [Click here](#)



# COVID 19 Policy Roles & Responsibilities

HEALTH & SAFETY FACTSHEET

## COVID RESPONSE COORDINATOR

- Overall accountability for the daily execution of the COVID response within the office
- Works with the COVID Response Leader and H&S to develop the Office COVID Health and Safety Plan (HASP) and continue to work with the COVID Response Leader and H&S to check and adjust the plan as needed.
- Responsible for printing, completing and posting all signs and notices identified in the HASP.
- Responsible for checking that staff have filled out the daily self-declaration before entering the office. Staff who have not completed the declaration will not be allowed in the office.
- Responsible for performing the weekly audit to ensure the HASP is being executed properly and staff are compliant with expectations.
- Responsible for daily checks to ensure postings are still up and legible, hand sanitizer is available, and cleaning supplies are sufficiently stocked.
- Responsible for daily checks to ensure the HASP is being executed as planned.
- The COVID Coordinator does need to be in the office at least 3 days per week.



## Sub-contractor and Visitor Self-Declaration Form

The safety of our employees, customers, families, and visitors remains Haley & Aldrich's overriding priority. To prevent the spread of COVID-19 and reduce the potential risk of exposure to our employees and others, we are conducting a simple screening questionnaire. Your participation is important to help us take precautionary measures to protect you and everyone at this location.

Haley & Aldrich, Inc. will continue to monitor state and federal requirements and may make updates to our policy as warranted.

|                       |                                      |
|-----------------------|--------------------------------------|
| Name:                 | Personal Phone Number (mobile/home): |
| Company/Organization: | Haley & Aldrich Point of Contact:    |
| Office/Project Site:  |                                      |

If the answer is "yes" to any of the following questions and question 1a is not checked, access will be denied.

| Self-Declaration |                                                                                                                                                                                                                                                                                   |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                | Have you tested positive for COVID-19 or has a doctor confirmed you have a case of COVID-19?<br><br><input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                      |
| 1a               | If the answer to question 1 is yes, have you been cleared by your doctor to return to work?<br><br><input type="checkbox"/> I have been cleared to return to work.                                                                                                                |
| 2                | Have you had close contact with or cared for someone diagnosed with COVID-19 within the last 14 days?<br><br><input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                             |
| 3                | Have you experienced any cold or flu-like symptoms (to include fever, cough, sore throat, respiratory illness, difficulty breathing)? If yes, has it been less than 14 days since you experienced those symptoms?<br><br><input type="checkbox"/> Yes <input type="checkbox"/> No |

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Note: If you plan to be at this location or project site for consecutive days, the Self-Declaration Form must be completed each day.**

**Access to location/project site (check one):**    ☐ **Approved**                      ☐ **Denied**



# COVID 19 Policy

## What to do if you have been exposed

HEALTH & SAFETY FACTSHEET

Per [CDC](#): Look for **emergency warning signs\*** (trouble breathing, persistent pain or pressure in the chest, new confusion, inability to wake or stay awake, bluish lips or face) for COVID-19. If someone is showing any of these signs, **seek emergency medical care immediately**

\*This list is not all possible symptoms. Please call your medical provider for any other symptoms that are severe or concerning to you.

- **Separate and isolate immediately** - If you are at work when notified or at the time of symptom onset, isolate and leave work immediately.
  - **Close Contact:** someone who was within 6 feet of an infected person for a cumulative total of 15 minutes or more over a 24-hour period starting from 2 days before illness onset (or, for asymptomatic patients, 2 days prior to test specimen collection) until the time the patient is isolated.
  - **Symptoms or illness:** fever, cough, sinus pain, reduced or altered sense of smell or taste, expectorations, stuffy nose, chills, repeated shaking with chills, fatigue, sore throat, headache, difficulty breathing, shortness of breath, joint or muscle pain, diarrhea, vomiting.
  - **Positive Test Result (Asymptomatic):** You have received a positive test result. When you receive the result, you are confirmed positive. The day you receive the result will be considered Day 0.
- Contact [COVIDHelp@haleyaldrich.com](mailto:COVIDHelp@haleyaldrich.com) as soon as it is safe to do so.
- A member of the Health & Safety staff will reach out to you to ask:
  - Specific details about your individual case
  - Who you have been in contact with at work
  - Any contact from state contact tracers
  - Project specific information
  - Other



If your state contact tracers contact you, you are obligated to follow their direction. Please record their direction and make this information available to H&S when they call.



Continue to monitor for symptoms (fever, cough, sinus pain, reduced or altered sense of smell or taste, expectorations, stuffy nose, chills, repeated shaking with chills, fatigue, sore throat, headache, difficulty breathing, shortness of breath, joint or muscle pain, diarrhea, vomiting). Seek medical attention if warranted.



# COVID 19 Policy

## What to do if you have been exposed

HEALTH & SAFETY FACTSHEET

### CDC Guidance for Close Contact

- <https://www.cdc.gov/coronavirus/2019-ncov/if-you-are-sick/quarantine.html>

### CDC Guidance for Symptoms

- <https://www.cdc.gov/coronavirus/2019-ncov/if-you-are-sick/steps-when-sick.html>

### CDC Guidance for Positive Test (Asymptomatic)

- <https://www.cdc.gov/coronavirus/2019-ncov/testing/diagnostic-testing.html#who-should-get-tested>

### H&A Policy for Case Management

- Staff members are required to report any close contact, symptoms, or positive test immediately to [COVIDHelp@haleyaldrich.com](mailto:COVIDHelp@haleyaldrich.com) any time that they have or had plans to enter the work environment during their COVID case (2 days prior to symptoms, positive test results, or close contact and 14 days after such time):
  - Any time staff leave their home for work, e.g., working on a project site, working in an H&A office, traveling for work, meeting with a client, etc.
  - They have been in or will be in contact with other staff, clients, sub-contractors or other work parties.
- Staff members are required to work with Health & Safety to detail their case. It is important that Health & Safety notify all potentially contacted parties as soon as possible.
  - Notification will be completely anonymous per privacy laws.
  - Notification will only be made, if there has been close contact, other potential for infection exists, or as required by site specific COVID protocol.
- Staff members are required to work with Health & Safety to quarantine until such time they are cleared to return to work.
  - Health & Safety will review CDC and State requirements for each case to ensure we provide appropriate direction to the staff member.
  - If the staff member is contacted by their state contact tracing program, they are expected to follow their direction, and to contact Health & Safety to share that direction.
  - Staff member will not return to work until approved by Health & Safety.
- H&A may provide a test kit to staff to expedite testing and to shorten quarantine times. These test kits are PCR saliva test kits.
- Due to the variation in state rules and cases, each case may be different as we ensure we address the person's concerns, the state's requirements, and the nature of the case.



# COVID 19 Policy Work and Hygiene Procedures

## HEALTH & SAFETY FACTSHEET

**The following must be completed and implemented prior to each time you enter the work environment (office, field, client site, travel or any other place you are to perform work duties):**

- **Staff must self-declare through Gensuite each morning before leaving their house to come into work.**
  - Staff must enter a self-declaration each time they enter the office, and
  - Staff must enter a separate self-declaration for project site. Staff may list multiple sites in the text field of the form.
- **Do not come in, if you are sick, have symptoms, or were in close contact with someone with COVID-19.**
- **Isolate others that are sick or have COVID-19 symptoms.** If another person on site does come into work or to the site sick, isolate them, and send them home if Haley & Aldrich is the controlling employer. If Haley & Aldrich is not the controlling employer, isolate yourself from the person, and inform the controlling employer accordingly. Report symptoms, illness, or close contact to [COVIDHelp@haleyaldrich.com](mailto:COVIDHelp@haleyaldrich.com) immediately.
- **Staff must wear a face covering at all times in the work environment** regardless of physical distancing, unless specifically exempted by H&S.
  - Staff shall use Company provided face covering while in our offices.
- **Staff should make every effort to host meetings virtually and avoid in person contact.**
- **All in-person meetings deemed essential must be pre-approved by the Office COVID Leader.** All Staff must always wear face coverings during meetings. Staff shall wear face coverings regardless of whether the meeting takes place in our office or off-site.
- **Staff must keep at least 6' apart at all times.** Floor markings and conference room markings have been put in place to illustrate appropriate distance for areas where employee(s) may congregate (i.e., administrator's desk, printer).
- **H&A staff will not host or participate in gatherings that require staff to remove their masks. Currently, the Company does not allow lunch, dinner, and/or drink meetings.**
- No communal food such as snacks, bagels, coffee, or creamers.
- All Personal Protective Equipment, supplies, and cleaning and disinfectants are ordered through Desmond Crawford.



**Employees sign in through Gensuite and self-declare:**

- **They have no symptoms:**
  - Fever
  - Cough
  - Sinus pain
  - Reduced or altered sense of smell or taste
  - Expectoration
  - Stuffy nose
  - Chills, repeated shaking with chills
  - Fatigue
  - Sore throat
  - Headache
  - Difficulty breathing, shortness of breath
  - Joint or muscle pain
  - Diarrhea
  - Vomiting
- **They have not been exposed to someone who has symptoms or has tested positive for COVID-19 within the past 14 days.**

**All staff are expected to comply with this policy and the Office Specific HASP.**





# COVID 19 Policy

## Work and Hygiene Procedures

HEALTH & SAFETY FACTSHEET

### Employ the following good hygiene practices:

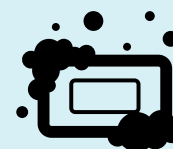
- **Practice social distancing.** Stay 6 feet away from other people. If possible, avoid use of shared site/job trailers. If shared spaces need to be utilized see Field Trailer Cleaning and Disinfection Guide.
- **Bring your own food.** If you can, bring your own food to the site. Avoid restaurants and food trucks to reduce potential exposure.
- **Cover your mouth.** Cover your mouth when you cough or sneeze by using a tissue that you immediately discard into a waste container or cough or sneeze into the inside of your elbow.
- **Wash frequently.** Wash your hands routinely with each change of glove or use hand sanitizer with greater than 60% ethanol or 70% isopropanol. Wash hands or use hand sanitizer after each time you cough or sneeze.
- **Don't touch your face, eyes, mouth.** Avoid touching your face throughout the day.
- **Do not reuse single use PPE.** Do not insert single use ear plugs with gloves on. Disinfect hands and then insert ear plugs.
- **Clean and disinfect.** Carry disinfectant from the EPA list with you and wipe down surfaces you touch prior to starting work and routinely throughout the day, including rental cars and hotel spaces as appropriate.
- **Frequently disinfect common touch points.** Clean and disinfect all supplies (pens, clipboards, etc.), tablets, cellphones, reusable equipment (meters, pumps, etc.), and non-disposable PPE (hardhats, safety glasses, earmuffs) at the end of each day.
- **Take care of your face covering.** When using face coverings, carefully remove, contain after use and launder. See Face Covering Fact Sheet.

### Office Reopening

- Staff shall not work in offices that are currently deemed closed. Contact Health & Safety if you have a need to work in a closed office.
- All re-opened offices will be audited to ensure adherence.



- Change and discard gloves routinely and after each time you cough or sneeze (see Fact Sheet, Glove Removal).



- Wash hands or use hand sanitizer with more than 60% ethanol or 70% isopropanol immediately after removing gloves.



- Avoid touching your face (eyes, nose, mouth), even when wearing gloves



<https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>



# COVID 19 Policy HASP Addendum Instructions

## HEALTH & SAFETY FACTSHEET

**Incorporate the following into the HASP Addendum to protect field staff, business partners, clients, and the general public at project sites:**

- COVID-19 is part of H&S planning and will be risk assessed prior to mobilization and approved by the Field Safety Manager.
- If we are not the controlling employer, ensure we understand what the project is doing for COVID-19 mitigation methods prior to mobilization.
- **Most sites have a COVID-19 Plan, it is your duty to obtain a copy of that plan.**

### Fit for Duty –

All subcontractors (if subcontracted to H&A), and visitors (if H&A is Controlling Employer) will sign the Self-Declaration form at the start of the project. Everyone must acknowledge the Fit for Duty of the Daily Tailgate form to affirm staff report fit for duty and symptom free each day.

- All employees working on a site controlled by another employer will self-certify to them that they have no COVID-19 symptoms, tested positive, nor have had known “close contact” with an individual who has tested positive and have not been asked to self-isolate by their doctor or local public health official.
- If you can’t self-certify, you must leave the site. If others can’t self-certify remove them from the site or notify their supervisor to remove them.

**ZERO TOLERANCE - Do not come to the site if you are sick, tested positive, or if you have been in close personal contact with someone with symptoms of COVID-19.**

**If others come to the site while sick, isolate yourself from them and ask them to leave or notify their supervisor.**

### Limit Potential Exposure –

- Do not enter job trailers or offices if possible. If you do enter, follow all requirements found in the Field Office/Trailer Use policy.
- Do not congregate with others and maintain a minimum distance of 6’. If you can maintain greater distances, please do so.
  - Tailgates should be done at distance
  - Bring food from home if possible and avoid the food truck. Do not congregate with other at breaks and at the food trucks.
- Clean all the surfaces you touch at least twice each day using the recommended disinfectants. This includes desks, tablets, phones, and laptops.
- Do all you can to maintain your good health by getting adequate sleep, eating a healthy diet, avoid alcohol, and consuming plenty of fluids.
- Face coverings are mandatory unless an approved task specific risk assessment has been completed.
- Avoid restaurants and food trucks and do not eat meals in a group.

All information and content in this addendum is for information purposes only and is not medical advice, diagnosis, or treatment. Printed copies are not document controlled.

Revised Date: 1/18/2021

Page 1 of 4



The risk associated with potential exposure to COVID-19 will be considered as part of the project planning and HASP development cycle.



Have H&S review the HASP.



Business partners for sites managed by H&A (H&A Controlling Employer) will have completed the Self Declaration Form.



Approved and appropriate Personal Protective Equipment and supplies are used as indicated by the HASP.



# COVID 19 Policy HASP Addendum Instructions

HEALTH & SAFETY FACTSHEET

## Cleaning/sanitizing/disinfecting

- If a job office/trailer is present, See Field Office/Trailer policy for further guidance.
- Clean and disinfect rental vehicles and hotel spaces (see Fact Sheet).

## Personal Hygiene

- Wear gloves at all times. At a minimum cut resistant gloves should be worn at all times while on site.
- Handwashing or hand sanitizing should happen after using restrooms, before and after eating, coming onsite, and going offsite. If handwashing equipment isn't available, hand sanitizing products should be used (see Fact Sheet).
- Wear cloth face covering if there is a potential for staff and/or subcontractors to be within 6 feet of one another. See Fact Sheet for further guidance on Face Cloth Coverings.
- Avoid touching the face area (eyes, nose, mouth) at all times, even when wearing gloves (see Fact Sheet).

❖ **Please complete the following two pages for EACH project prior to beginning work.** Staff shall ensure that a COVID HASP Addendum is completed and reviewed prior to entering the field each day and includes the additions of any new tasks.



# COVID 19 Policy HASP Addendum

HEALTH & SAFETY FACTSHEET

## COVID-19 PROJECT SPECIFIC JOB HAZARD ANALYSIS

Does the client or Controlling Employer (if H&A is not controlling employer) have specific requirements related to COVID-19?

If yes, please attach the requirements.

☐ Yes ☒ No

Do we have the necessary supplies on hand?

☒ Yes ☐ No

(Supplies include face coverings, disinfectant, hand washing stations or sanitizer, and PPE.)

The following **must** be onsite(☒ to acknowledge):

- ☒ Has the Tailgate Meeting Form been provided?
- ☒ Has the Hygiene Procedures Policy been provided?
- ☒ Has the What To Do if You Have Been Exposed policy been provided?
- ☒ Has the Face Covering policy been provided?
- ☒ Has the Sub-Contractor Self Declaration form (electronic or paper) been completed by all H&A subs?
- ☒ Has the Field Office/Trailer Use Policy been provided?
- ☒ Has the Work Practices Policy been provided?
- ☒ Has the Project Shutdown/Suspension policy been provided?

Is there staff travel involved with this project? (If yes please answer the following questions)

☐ Yes ☒ No

Has the Travel Procedure policy been provided?

☐ Yes ☐ No

Has the Interstate Travel Form been approved by the BU GM?

☐ Yes ☐ No

### ❖ Complete the Job Hazard Analysis on the following page and return to H&S for review.

- Be as **detailed as possible** when breaking down the task being performed into individual steps that will be performed.
  - Example Tasks: Traveling to site, Drilling, Sampling, Breaks, Tailgate meetings, Equipment Breakdown etc.
- Identify if any of the steps will require staff or subcontractors to break the 6-foot social distance, and if so, what is the duration of that step.
- Identify what control measures will be implemented for each step to prevent the potential spread of COVID-19. For projects involving numerous tasks, each with several steps, extra space is required to complete a thorough JHA.
  - Example control measure: Sanitize after use, Drive in separate cars, Do not use field trailer, Use gloves when handling, Eat/Drink away from others etc.
- Use blank copies of the following page as needed.
- If staff have any questions or concerns when completing the JHA, please reach out to their Regional Health & Safety Manager or [HealthSafetyHelp@HaleyAldrich.com](mailto:HealthSafetyHelp@HaleyAldrich.com) for support.



# COVID 19 Policy HASP Addendum

HEALTH & SAFETY FACTSHEET

## COVID-19 PROJECT SPECIFIC JOB HAZARD ANALYSIS

| Task and Associated Steps | 6-ft Distance Achieved? | Task Time | What Procedures are going to be put in place?                                                                                                                            |
|---------------------------|-------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Travel to and from site   | Yes                     | 0.5-1 hr  | All staff will take separate personal vehicles to site                                                                                                                   |
| Equipment/Bottle Delivery | Yes                     | 0.25 hr   | Deliveries will be brought to the site, exterior will be wiped down, hand off will be done so 6 ft distance is maintained, gloves and masks will be worn by both parties |
| Safety Tailgate           | Yes                     | 0.25 hrs  | Maintain 6 ft distance, do not share pens, wear masks                                                                                                                    |
| Drilling Oversight        | Yes                     | All day   | Maintain 6 ft distance, gloves and masks will be worn by all parties                                                                                                     |
| Soil Logging              | Yes                     | All day   | Set up logging station away from drilling area, maintain 6 ft distance gloves and masks will be worn by all parties                                                      |
| Sampling                  |                         |           | Maintain 6 ft distance, gloves and masks will be worn by all parties                                                                                                     |
| Sample/Equipment Pickup   | Yes                     | 0.25 hrs  | Hand off will be done so 6 ft distance is maintained, gloves and masks will be worn by both parties, paperwork will be signed using a personal pen                       |
| Visitors                  | Yes                     | N/A       | Maintain distance, brief visitors with HASP and review self declaration verbally, masks to be worn by all parties                                                        |
| Eating/drinking           | Yes                     | N/A       | Use hand sanitizer/wash hands often and before/after eating, maintain 6 ft distance                                                                                      |
| Restroom                  | Yes                     | N/A       | Sanitize areas before and after use/frequently throughout day, if using restroom offsite wear gloves, mask and sanitize hands before & after                             |
|                           |                         |           |                                                                                                                                                                          |
|                           |                         |           |                                                                                                                                                                          |
|                           |                         |           |                                                                                                                                                                          |
|                           |                         |           |                                                                                                                                                                          |
|                           |                         |           |                                                                                                                                                                          |

PM Signature: \_\_\_\_\_ Date: \_\_\_\_\_

FSM Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Revised Date: 1/18/2021

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# COVID 19 Policy

## Face Covering Requirement

HEALTH & SAFETY FACTSHEET

### When entering the work environment, employ the following face covering practices:

- **Face covering is mandatory, unless an approved task specific risk assessment has been done stating it can be removed. 6' of social distancing is also required, the use of face coverings does not preclude you from social distancing.**
- Face coverings are not required when you are alone at your workstation or a task-specific assessment has been completed and approved by H&S.
- If it is a medical mask, ensure the proper side of the disposable covering faces outward. Most disposable coverings have white on the inside and a different color on the outside.
- **Maintain 6 feet social distancing practices.**
- When wearing a face covering, it should:
  - **cover your nose and mouth**
  - **fit snugly** but comfortably against the side of the face
  - **be secured** with ties or ear loops
  - **If it is reusable it should include multiple layers** of fabric
  - **allow for breathing** without restriction
- **Carefully remove face covering.** Be careful not to touch your eyes, nose, and mouth when removing face covering and wash hands immediately after removing.
- **Contain reusable face covering after use.** Have a bag or bin to keep reusable face coverings in until they can be laundered. Disposable face coverings should be disposed after each shift or more frequently if needed.
- **Launder and dry.** Reusable face coverings should be laundered routinely based on frequency of use. Launder in hot water with detergent and dry on a hot cycle.
- **Request reimbursement.** Reusable face coverings are reimbursable for field staff assigned to projects. Disposable face covering are provided in the office or upon request.



- Face coverings are not a substitute for physical distancing, washing hands and staying home when ill.



- Wash hands or use hand sanitizer with more than 60% ethanol or 70% isopropanol immediately after removing face covering.



- Discard face coverings that: No longer cover the nose and mouth; Have stretched out or damaged ties or straps; Cannot stay on the face; Have holes or tears in the fabric.



# COVID 19 Policy

## Face Covering Requirement

HEALTH & SAFETY FACTSHEET



- DO continue to practice social distancing
- DO continue to wash hands routinely
- DO continue to cover your mouth when you sneeze or cough
- DO continue to carry EPA approved disinfectant with you
- DO continue to disinfect pens, tools, clipboards, door handles, cellphones, safety glasses, etc.
- DO use the CDC website as a reference to stay informed and current with COVID-19: <https://www.cdc.gov/coronavirus/2019-nCoV/index.html>
- DO continue to check on state, local or municipal COVID-19 guidelines and restrictions
- DO continue to check the HANK COVID-19 resource page for updated information: <https://hank.haleyaldrich.com/staffcenter/SitePages/COVID-19%20Resources.aspx>
- DO contact Health & Safety with questions. Email [HealthSafetyHelp@haleyaldrich.com](mailto:HealthSafetyHelp@haleyaldrich.com) with questions.
- **DO wear your mask to completely cover your nose and mouth.**



- DO NOT come to work if you are sick, have any COVID-19 related symptoms, or have been exposed to someone who is COVID-19 positive or has COVID-19 symptoms in the last 14 days, even if you are wearing a face covering
- DO NOT use the face covering as a replacement for social distancing
- DO NOT forget to clean your reusable face covering after each use or after each day
- DO NOT wear N95 respirators unless you are approved and are up to date with the H&A Respiratory Protection Program
- DO NOT share face coverings, even if cleaned, with another employee
- DO NOT use a face covering as a substitute for a respirator that is required for specific tasks
- DO NOT touch your face or reach under your mask
- **DO NOT wear your face covering on your chin or so that your nose is exposed**
- DO NOT wear an ill-fitting face covering

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Revised Date: 1/16/2021

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## **APPENDIX B**

### **Soil Boring Logs**



|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
|------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------|--|--------------------|--|------------------------------------------------------------------------------|--|--------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------|--|-------------------|--|---------|--|
| <div><div>HALEYALDRICH</div><div>SOIL BORING LOG</div></div>                                                                       |  |                                                        |  |                    |  |                                                                              |  |                                                  |  | BORING NO.<br>SRI-01                                                                                                                               |  |                                          |  |                   |  |         |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                  |  | Page 1 of 12                                                                                                                                       |  |                                          |  |                   |  |         |  |
| PROJECT                                                                                                                            |  | 828 Metropolitan Avenue Redevelopment Site             |  |                    |  |                                                                              |  | PROJECT #                                        |  | 0205563                                                                                                                                            |  |                                          |  |                   |  |         |  |
| LOCATION                                                                                                                           |  | 828 Metropolitan Avenue, Brooklyn, NY                  |  |                    |  |                                                                              |  | PROJECT MGR.                                     |  | Suzanne Bell                                                                                                                                       |  |                                          |  |                   |  |         |  |
| CLIENT                                                                                                                             |  | Upton Metropolitan LLC and 808 Metropolitan Realty LLC |  |                    |  |                                                                              |  | FIELD REP.                                       |  | Matthew Cal                                                                                                                                        |  |                                          |  |                   |  |         |  |
| CONTRACTOR                                                                                                                         |  | Eastern Environmental Solutions                        |  |                    |  |                                                                              |  | DATE STARTED                                     |  | 5/16/2023                                                                                                                                          |  |                                          |  |                   |  |         |  |
| DRILLER                                                                                                                            |  | Anthony and Ernesto                                    |  |                    |  |                                                                              |  | DATE FINISHED                                    |  | 5/16/2023                                                                                                                                          |  |                                          |  |                   |  |         |  |
| Elevation                                                                                                                          |  | ft.                                                    |  | Datum              |  | Boring Location                                                              |  | See Map                                          |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| Item                                                                                                                               |  | Casing                                                 |  | Sampler            |  | Rig Make & Model                                                             |  | Geoprobe 7822DT                                  |  | Hammer Type                                                                                                                                        |  | Drilling Mud                             |  | Casing Advance    |  |         |  |
| Type                                                                                                                               |  | Steel                                                  |  | 5' macrocore       |  | <input type="checkbox"/> Truck <input type="checkbox"/> Tripod               |  | <input type="checkbox"/> Cat-Head                |  | <input type="checkbox"/> Safety                                                                                                                    |  | <input type="checkbox"/> Bentonite       |  | Type Method Depth |  |         |  |
| Inside Diameter (in.)                                                                                                              |  | 2                                                      |  | 2                  |  | <input type="checkbox"/> ATV <input checked="" type="checkbox"/> Geoprobe    |  | <input type="checkbox"/> Winch                   |  | <input type="checkbox"/> Doughnut                                                                                                                  |  | <input type="checkbox"/> Polymer         |  |                   |  |         |  |
| Hammer Weight (lb.)                                                                                                                |  | N/A                                                    |  | N/A                |  | <input checked="" type="checkbox"/> Track <input type="checkbox"/> Air Track |  | <input type="checkbox"/> Roller Bit              |  | <input type="checkbox"/> Automatic                                                                                                                 |  | <input checked="" type="checkbox"/> None |  | Direct Push       |  |         |  |
| Hammer Fall (in.)                                                                                                                  |  | N/A                                                    |  | N/A                |  | <input type="checkbox"/> Skid <input type="checkbox"/> Other                 |  | <input checked="" type="checkbox"/> Cutting Head |  | Drilling Notes:                                                                                                                                    |  |                                          |  |                   |  |         |  |
| Depth (ft.)                                                                                                                        |  | Recovery (in/tot)                                      |  | PID (ppm)          |  | Sample Depth (ft)                                                            |  | Sample ID                                        |  | Visual-Manual Identification & Description<br>(Color, primary component NAME, secondary component, optional descriptions, odor, moisture [SYMBOL]) |  |                                          |  |                   |  | Remarks |  |
| 0                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  | Concrete and Asphalt [FILL]                                                                                                                        |  |                                          |  |                   |  |         |  |
| 1                                                                                                                                  |  | 43/60"                                                 |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 2                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 3                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 4                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 5                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 6                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 7                                                                                                                                  |  | 44/60"                                                 |  | 0.0                |  |                                                                              |  |                                                  |  | Brown silty SAND with some gravel, dry, no odor [FILL]                                                                                             |  |                                          |  |                   |  |         |  |
| 8                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  | Brown silty SAND with some gravel and trace brick, dry, no odor [FILL]                                                                             |  |                                          |  |                   |  |         |  |
| 9                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 10                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 11                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 12                                                                                                                                 |  | 47.5/60"                                               |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 13                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 14                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  | Light-to-medium brown, medium-to-coarse SAND with gravel, dry, no odor [SP]                                                                        |  |                                          |  |                   |  |         |  |
| 15                                                                                                                                 |  |                                                        |  | 0.0                |  | 14-16'                                                                       |  | SRI-01_14-16                                     |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 16                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 17                                                                                                                                 |  | 53/60"                                                 |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 18                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  | Light-to-medium brown, fine-to-medium SAND with gravel, dry, no odor [SP]                                                                          |  |                                          |  |                   |  |         |  |
| 19                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  | Gray CLAY with trace gravel, dry, no odor [CL]                                                                                                     |  |                                          |  |                   |  |         |  |
| 20                                                                                                                                 |  |                                                        |  | 0.0                |  | 20-22'                                                                       |  | SRI-01_20-22                                     |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 21                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 22                                                                                                                                 |  | 60/60"                                                 |  | 0.0                |  |                                                                              |  |                                                  |  | Light-to-medium brown, medium-to-coarse SAND with gravel, moist, no odor [SP]                                                                      |  |                                          |  |                   |  |         |  |
| 23                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 24                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  | Gray CLAY, dry, no odor [CL]                                                                                                                       |  |                                          |  |                   |  |         |  |
| 25                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 26                                                                                                                                 |  |                                                        |  | 0.0                |  | 26-28'                                                                       |  | SRI-01_26-28                                     |  | Medium brown, medium SAND with gravel, wet, no odor [SP]                                                                                           |  |                                          |  |                   |  |         |  |
| 27                                                                                                                                 |  | 52/60"                                                 |  | 0.0                |  |                                                                              |  |                                                  |  | Gray CLAY, dry, no odor [CL]                                                                                                                       |  |                                          |  |                   |  |         |  |
| 28                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 29                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |
| 30                                                                                                                                 |  |                                                        |  |                    |  |                                                                              |  |                                                  |  | End of boring at 30'                                                                                                                               |  |                                          |  |                   |  |         |  |
| Water Level Data                                                                                                                   |  |                                                        |  |                    |  |                                                                              |  |                                                  |  | Sample ID                                                                                                                                          |  | Summary                                  |  |                   |  |         |  |
| Date                                                                                                                               |  | Time                                                   |  | Elapsed Time (hr.) |  | Depth in feet to:                                                            |  |                                                  |  | O Open End Rod                                                                                                                                     |  | Overburden (Linear ft.)                  |  | 30                |  |         |  |
|                                                                                                                                    |  |                                                        |  |                    |  | Water                                                                        |  |                                                  |  | T Thin Wall Tube                                                                                                                                   |  | Rock Cored (Linear ft.)                  |  | -                 |  |         |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                  |  | U Undisturbed Sample                                                                                                                               |  | Number of Samples                        |  | 3                 |  |         |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                  |  | S Split Spoon Sample                                                                                                                               |  |                                          |  |                   |  |         |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                  |  | G Geoprobe                                                                                                                                         |  |                                          |  |                   |  |         |  |
| *NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.                           |  |                                                        |  |                    |  |                                                                              |  |                                                  |  | BORING NO.                                                                                                                                         |  | SRI-01                                   |  |                   |  |         |  |
| NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc. |  |                                                        |  |                    |  |                                                                              |  |                                                  |  |                                                                                                                                                    |  |                                          |  |                   |  |         |  |

|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
|------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------|--|--------------------|--|------------------------------------------------------------------------------|--|---------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------|--|-------------------|--|---------|--|
| <div><div>HALEYALDRICH</div><div>SOIL BORING LOG</div></div>                                                                       |  |                                                        |  |                    |  |                                                                              |  |                                       |  | BORING NO.<br>SRI-02                                                                                                                               |  |                                    |  |                   |  |         |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                       |  | Page 2 of 12                                                                                                                                       |  |                                    |  |                   |  |         |  |
| PROJECT                                                                                                                            |  | 828 Metropolitan Avenue Redevelopment Site             |  |                    |  |                                                                              |  | PROJECT #                             |  | 0205563                                                                                                                                            |  |                                    |  |                   |  |         |  |
| LOCATION                                                                                                                           |  | 828 Metropolitan Avenue, Brooklyn, NY                  |  |                    |  |                                                                              |  | PROJECT MGR.                          |  | Suzanne Bell                                                                                                                                       |  |                                    |  |                   |  |         |  |
| CLIENT                                                                                                                             |  | Upton Metropolitan LLC and 808 Metropolitan Realty LLC |  |                    |  |                                                                              |  | FIELD REP.                            |  | Matthew Cal                                                                                                                                        |  |                                    |  |                   |  |         |  |
| CONTRACTOR                                                                                                                         |  | Eastern Environmental Solutions                        |  |                    |  |                                                                              |  | DATE STARTED                          |  | 5/16/2023                                                                                                                                          |  |                                    |  |                   |  |         |  |
| DRILLER                                                                                                                            |  | Anthony and Ernesto                                    |  |                    |  |                                                                              |  | DATE FINISHED                         |  | 5/16/2023                                                                                                                                          |  |                                    |  |                   |  |         |  |
| Elevation                                                                                                                          |  | ft.                                                    |  | Datum              |  | Boring Location                                                              |  | See Map                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| Item                                                                                                                               |  | Casing                                                 |  | Sampler            |  | Rig Make & Model                                                             |  | Geoprobe 7822DT                       |  | Hammer Type                                                                                                                                        |  | Drilling Mud                       |  | Casing Advance    |  |         |  |
| Type                                                                                                                               |  | Steel                                                  |  | 5' macrocore       |  | <input type="checkbox"/> Truck <input type="checkbox"/> Tripod               |  | <input type="checkbox"/> Cat-Head     |  | <input type="checkbox"/> Safety                                                                                                                    |  | <input type="checkbox"/> Bentonite |  | Type Method Depth |  |         |  |
| Inside Diameter (in.)                                                                                                              |  | 2                                                      |  | 2                  |  | <input type="checkbox"/> ATV <input checked="" type="checkbox"/> Geoprobe    |  | <input type="checkbox"/> Winch        |  | <input type="checkbox"/> Doughnut                                                                                                                  |  | <input type="checkbox"/> Polymer   |  |                   |  |         |  |
| Hammer Weight (lb.)                                                                                                                |  | N/A                                                    |  | N/A                |  | <input checked="" type="checkbox"/> Track <input type="checkbox"/> Air Track |  | <input type="checkbox"/> Roller Bit   |  | <input type="checkbox"/> Automatic                                                                                                                 |  | <input type="checkbox"/> None      |  | Direct Push       |  |         |  |
| Hammer Fall (in.)                                                                                                                  |  | N/A                                                    |  | N/A                |  | <input type="checkbox"/> Skid <input type="checkbox"/> Other                 |  | <input type="checkbox"/> Cutting Head |  | Drilling Notes:                                                                                                                                    |  |                                    |  |                   |  |         |  |
| Depth (ft.)                                                                                                                        |  | Recovery (in/tot)                                      |  | PID (ppm)          |  | Sample Depth (ft)                                                            |  | Sample ID                             |  | Visual-Manual Identification & Description<br>(Color, primary component NAME, secondary component, optional descriptions, odor, moisture [SYMBOL]) |  |                                    |  |                   |  | Remarks |  |
| 0                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  | Concrete [FILL]                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 1                                                                                                                                  |  | 41/60"                                                 |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 2                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 3                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 4                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 5                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 6                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 7                                                                                                                                  |  | 36/60"                                                 |  | 0.0                |  |                                                                              |  |                                       |  | Brown silty SAND with gravel and trace concrete and brick, dry, no odors [FILL]                                                                    |  |                                    |  |                   |  |         |  |
| 8                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 9                                                                                                                                  |  |                                                        |  | 0.6                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 10                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 11                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 12                                                                                                                                 |  | 60/60"                                                 |  | 0.0                |  |                                                                              |  |                                       |  | Brown silty SAND with trace gravel, saturated, no odors [SM]                                                                                       |  |                                    |  |                   |  |         |  |
| 13                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  | Brown silty SAND with some gray clay and gravel, dry, no odor [SM]                                                                                 |  |                                    |  |                   |  |         |  |
| 14                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  | Medium brown SAND with some gravel, dry, no odor [SP]                                                                                              |  |                                    |  |                   |  |         |  |
| 15                                                                                                                                 |  |                                                        |  | 0.0                |  | 14-16'                                                                       |  | SRI-02_14-16                          |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 16                                                                                                                                 |  | 57/60"                                                 |  | 0.0                |  |                                                                              |  |                                       |  | Fine-to-medium brown SAND with some gravel, dry, no odor [SP]                                                                                      |  |                                    |  |                   |  |         |  |
| 17                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 18                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  | Medium brown SAND with some gravel, dry, no odor [SP]                                                                                              |  |                                    |  |                   |  |         |  |
| 19                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 20                                                                                                                                 |  |                                                        |  | 0.0                |  | 20-22'                                                                       |  | SRI-02_20-22                          |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 21                                                                                                                                 |  | 51/60"                                                 |  | 0.0                |  |                                                                              |  |                                       |  | Brown silty SAND with trace grave, moist, no odor [SM]                                                                                             |  |                                    |  |                   |  |         |  |
| 22                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 23                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 24                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 25                                                                                                                                 |  |                                                        |  | 0.0                |  | 26-28'                                                                       |  | SRI-02_26-28                          |  | Brown silty SAND with some gravel, wet, no odor [SM]                                                                                               |  |                                    |  |                   |  |         |  |
| 26                                                                                                                                 |  | 60/60"                                                 |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 27                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 28                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 29                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |
| 30                                                                                                                                 |  |                                                        |  |                    |  |                                                                              |  |                                       |  | End of boring at 30'                                                                                                                               |  |                                    |  |                   |  |         |  |
| Water Level Data                                                                                                                   |  |                                                        |  |                    |  |                                                                              |  |                                       |  | Sample ID                                                                                                                                          |  | Summary                            |  |                   |  |         |  |
| Date                                                                                                                               |  | Time                                                   |  | Elapsed Time (hr.) |  | Depth in feet to:                                                            |  |                                       |  | O Open End Rod                                                                                                                                     |  | Overburden (Linear ft.)            |  | 30                |  |         |  |
|                                                                                                                                    |  |                                                        |  |                    |  | Water                                                                        |  |                                       |  | T Thin Wall Tube                                                                                                                                   |  | Rock Cored (Linear ft.)            |  | -                 |  |         |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                       |  | U Undisturbed Sample                                                                                                                               |  | Number of Samples                  |  | 3                 |  |         |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                       |  | S Split Spoon Sample                                                                                                                               |  |                                    |  |                   |  |         |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                       |  | G Geoprobe                                                                                                                                         |  |                                    |  |                   |  |         |  |
| *NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.                           |  |                                                        |  |                    |  |                                                                              |  |                                       |  | BORING NO.                                                                                                                                         |  | SRI-02                             |  |                   |  |         |  |
| NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc. |  |                                                        |  |                    |  |                                                                              |  |                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |

|                                                                                   |  |                                                        |  |  |  |                                                           |  |              |  |
|-----------------------------------------------------------------------------------|--|--------------------------------------------------------|--|--|--|-----------------------------------------------------------|--|--------------|--|
|  |  | <h1 style="text-align: center;">SOIL BORING LOG</h1>   |  |  |  | BORING NO.<br><h2 style="text-align: center;">SRI-03</h2> |  |              |  |
|                                                                                   |  |                                                        |  |  |  | Page 3 of 12                                              |  |              |  |
| PROJECT                                                                           |  | 828 Metropolitan Avenue Redevelopment Site             |  |  |  | PROJECT #                                                 |  | 0205563      |  |
| LOCATION                                                                          |  | 828 Metropolitan Avenue, Brooklyn, NY                  |  |  |  | PROJECT MGR.                                              |  | Suzanne Bell |  |
| CLIENT                                                                            |  | Upton Metropolitan LLC and 808 Metropolitan Realty LLC |  |  |  | FIELD REP.                                                |  | Matthew Cal  |  |
| CONTRACTOR                                                                        |  | Eastern Environmental Solutions                        |  |  |  | DATE STARTED                                              |  | 5/15/2023    |  |
| DRILLER                                                                           |  | Anthony and Mason                                      |  |  |  | DATE FINISHED                                             |  | 5/15/2023    |  |

|                       |        |              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                              |  |                   |  |
|-----------------------|--------|--------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|--|
| Elevation             |        | ft.          |  | Datum                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | Boring Location                                                                                                                                                                                              |  | See Map           |  |
| Item                  | Casing | Sampler      |  | Rig Make & Model                                                                                                                                                                                                                                                                                                                                                                                                                       |  | Geoprobe 7822DT                                                                                                                                                                                              |  | Hammer Type       |  |
| Type                  | Steel  | 5' macrocore |  | <input type="checkbox"/> Truck <input type="checkbox"/> Tripod <input type="checkbox"/> Cat-Head<br><input type="checkbox"/> ATV <input checked="" type="checkbox"/> Geoprobe <input type="checkbox"/> Winch<br><input checked="" type="checkbox"/> Track <input type="checkbox"/> Air Track <input type="checkbox"/> Roller Bit<br><input type="checkbox"/> Skid <input type="checkbox"/> Other <input type="checkbox"/> Cutting Head |  | <input type="checkbox"/> Safety <input type="checkbox"/> Bentonite<br><input type="checkbox"/> Doughnut <input type="checkbox"/> Polymer<br><input type="checkbox"/> Automatic <input type="checkbox"/> None |  | Casing Advance    |  |
| Inside Diameter (in.) | 2      | 2            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                              |  | Type Method Depth |  |
| Hammer Weight (lb.)   | N/A    | N/A          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                              |  | Direct Push       |  |
| Hammer Fall (in.)     | N/A    | N/A          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                              |  | Drilling Notes:   |  |

| Depth (ft.) | Recovery (in/tot) | PID (ppm) | Sample Depth (ft) | Sample ID    | Visual-Manual Identification & Description<br>(Color, primary component NAME, secondary component, optional descriptions, odor, moisture [SYMBOL]) | Remarks |
|-------------|-------------------|-----------|-------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 0           |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 1           | 31/60"            | 0.0       |                   |              | Concrete [FILL]                                                                                                                                    |         |
| 2           |                   | 0.0       |                   |              | Medium brown silty SAND with brick, concrete and gravel, dry, no odor [FILL]                                                                       |         |
| 3           |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 4           |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 5           |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 6           |                   | 0.0       |                   |              | Light brown silty SAND with gray clay, some gravel and trace brick, dry, no odor [FILL]                                                            |         |
| 7           | 39/60"            | 0.0       |                   |              |                                                                                                                                                    |         |
| 8           |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 9           |                   | 0.0       |                   |              | Light-brown silty SAND with gray clay and some gravel, dry, no odor [SM]                                                                           |         |
| 10          |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 11          |                   | 0.0       |                   |              | Medium-brown CLAY with trace gravel, dry, no odor [CL]                                                                                             |         |
| 12          |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 13          | 60/60"            | 0.0       |                   |              | Medium-brown silty SAND with trace gravel, dry, no odor [SM]                                                                                       |         |
| 14          |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 15          |                   | 0.0       |                   |              | Light-brown-to-gray, medium-to-coarse SAND with some gravel, dry, no odor [SP]                                                                     |         |
| 16          |                   | 0.0       | 14-16'            | SRI-03_14-16 |                                                                                                                                                    |         |
| 17          | 60/60"            | 0.0       |                   |              | Gray SAND with some clay, trace gravel, dry, no odor [SP]                                                                                          |         |
| 18          |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 19          |                   | 0.0       |                   |              | Light-brown, medium-to-coarse SAND, moist, no odor[SP]                                                                                             |         |
| 20          |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 21          |                   | 0.0       | 20-22'            | SRI-03_20-22 | Light-to-medium-brown, medium-to-coarse SAND with gravel, moist, no odor [SP]                                                                      |         |
| 22          |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 23          | 60/60"            | 0.0       |                   |              |                                                                                                                                                    |         |
| 24          |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 25          |                   | 0.0       |                   |              | Brown SAND with gravel, wet, no odor [SP]                                                                                                          |         |
| 26          |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 27          |                   | 0.0       | 26-28'            | SRI-03_26-28 |                                                                                                                                                    |         |
| 28          | 60/60"            | 0.0       |                   |              |                                                                                                                                                    |         |
| 29          |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 30          |                   |           |                   |              | End of boring at 30'                                                                                                                               |         |

| Water Level Data |      |                    | Sample ID         |  | Summary                                                                                          |  |
|------------------|------|--------------------|-------------------|--|--------------------------------------------------------------------------------------------------|--|
| Date             | Time | Elapsed Time (hr.) | Depth in feet to: |  |                                                                                                  |  |
|                  |      |                    | Water             |  |                                                                                                  |  |
|                  |      |                    |                   |  | O Open End Rod<br>T Thin Wall Tube<br>U Undisturbed Sample<br>S Split Spoon Sample<br>G Geoprobe |  |
|                  |      |                    |                   |  | Overburden (Linear ft.) 30<br>Rock Cored (Linear ft.) -<br>Number of Samples 3                   |  |
|                  |      |                    |                   |  | BORING NO. SRI-03                                                                                |  |

\*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

|                        |  |                                                        |  |  |  |  |  |                      |  |                                    |  |
|------------------------|--|--------------------------------------------------------|--|--|--|--|--|----------------------|--|------------------------------------|--|
| <b>SOIL BORING LOG</b> |  |                                                        |  |  |  |  |  |                      |  | <b>BORING NO.</b><br><b>SRI-04</b> |  |
|                        |  |                                                        |  |  |  |  |  |                      |  | Page 4 of 12                       |  |
| <b>PROJECT</b>         |  | 828 Metropolitan Avenue Redevelopment Site             |  |  |  |  |  | <b>PROJECT #</b>     |  | 0205563                            |  |
| <b>LOCATION</b>        |  | 828 Metropolitan Avenue, Brooklyn, NY                  |  |  |  |  |  | <b>PROJECT MGR.</b>  |  | Suzanne Bell                       |  |
| <b>CLIENT</b>          |  | Upton Metropolitan LLC and 808 Metropolitan Realty LLC |  |  |  |  |  | <b>FIELD REP.</b>    |  | Matthew Cal                        |  |
| <b>CONTRACTOR</b>      |  | Eastern Environmental Solutions                        |  |  |  |  |  | <b>DATE STARTED</b>  |  | 5/15/2023                          |  |
| <b>DRILLER</b>         |  | Anthony and Mason                                      |  |  |  |  |  | <b>DATE FINISHED</b> |  | 5/15/2023                          |  |

|                       |        |              |  |                                           |                                              |                                       |  |                                    |                                    |                   |
|-----------------------|--------|--------------|--|-------------------------------------------|----------------------------------------------|---------------------------------------|--|------------------------------------|------------------------------------|-------------------|
| Elevation             |        | ft.          |  | Datum                                     |                                              | Boring Location                       |  | See Map                            |                                    |                   |
| Item                  | Casing | Sampler      |  | Rig Make & Model                          |                                              | Geoprobe 7822DT                       |  | Hammer Type                        | Drilling Mud                       | Casing Advance    |
| Type                  | Steel  | 5' macrocore |  | <input type="checkbox"/> Truck            | <input type="checkbox"/> Tripod              | <input type="checkbox"/> Cat-Head     |  | <input type="checkbox"/> Safety    | <input type="checkbox"/> Bentonite | Type Method Depth |
| Inside Diameter (in.) | 2      | 2            |  | <input type="checkbox"/> ATV              | <input checked="" type="checkbox"/> Geoprobe | <input type="checkbox"/> Winch        |  | <input type="checkbox"/> Doughnut  | <input type="checkbox"/> Polymer   | Direct Push       |
| Hammer Weight (lb.)   | N/A    | N/A          |  | <input checked="" type="checkbox"/> Track | <input type="checkbox"/> Air Track           | <input type="checkbox"/> Roller Bit   |  | <input type="checkbox"/> Automatic | <input type="checkbox"/> None      |                   |
| Hammer Fall (in.)     | N/A    | N/A          |  | <input type="checkbox"/> Skid             | <input type="checkbox"/> Other               | <input type="checkbox"/> Cutting Head |  | Drilling Notes:                    |                                    |                   |

| Depth (ft.) | Recovery (in/tot) | PID (ppm) | Sample Depth (ft) | Sample ID     | Visual-Manual Identification & Description<br>(Color, primary component NAME, secondary component, optional descriptions, odor, moisture [SYMBOL]) | Remarks |
|-------------|-------------------|-----------|-------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 0           |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 1           | 49.5/60"          | 0.0       |                   |               | Asphalt, concrete, and brick [FILL]                                                                                                                |         |
| 2           |                   | 0.4       |                   |               |                                                                                                                                                    |         |
| 3           |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 4           |                   | 0.0       |                   |               | Medium -to-dark brown and black silty SAND with trace asphalt and brick, dry, no odor [FILL]                                                       |         |
| 5           |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 6           |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 7           | 60/60"            | 0.0       |                   |               | Medium-brown silty SAND with some gray clay and gravel, dry, no odor [SM]                                                                          |         |
| 8           |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 9           |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 10          |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 11          |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 12          | 60/60"            | 0.0       |                   |               | Light-to-medium brown silty SAND with some gray clay and gravel, dry, no odor [SM]                                                                 |         |
| 13          |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 14          |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 15          |                   | 0.0       | 14-16'            | SRI-04_ 14-16 |                                                                                                                                                    |         |
| 16          |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 17          | 60/60"            | 0.0       |                   |               | Brown, medium-to-coarse SAND with some gravel, moist, no odor [SP]                                                                                 |         |
| 18          |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 19          |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 20          |                   | 0.0       | 20-22'            | SRI-04_ 20-22 |                                                                                                                                                    |         |
| 21          |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 22          | 54.5/60"          | 0.0       |                   |               | Light-to-medium brown, coarse SAND with gravel, moist, no odor [SP]                                                                                |         |
| 23          |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 24          |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 25          |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 26          |                   | 0.0       | 26-28'            | SRI-04_ 26-28 | Gray CLAY with trace gravel, wet, no odor [CL]                                                                                                     |         |
| 27          | 56/60"            | 0.0       |                   |               |                                                                                                                                                    |         |
| 28          |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 29          |                   | 0.0       |                   |               |                                                                                                                                                    |         |
| 30          |                   |           |                   |               | End of boring at 30'                                                                                                                               |         |

| Water Level Data |      |                    |                   | Sample ID                                                                                        | Summary                 |
|------------------|------|--------------------|-------------------|--------------------------------------------------------------------------------------------------|-------------------------|
| Date             | Time | Elapsed Time (hr.) | Depth in feet to: | O Open End Rod<br>T Thin Wall Tube<br>U Undisturbed Sample<br>S Split Spoon Sample<br>G Geoprobe | Overburden (Linear ft.) |
|                  |      |                    | Water             |                                                                                                  | Rock Cored (Linear ft.) |
|                  |      |                    |                   |                                                                                                  | Number of Samples       |
|                  |      |                    |                   |                                                                                                  |                         |
|                  |      |                    |                   |                                                                                                  | BORING NO. SRI-04       |

\*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.  
 NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.



# SOIL BORING LOG

**BORING NO.**

**SRI-06**

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|                |                                            |
|----------------|--------------------------------------------|
| <b>PROJECT</b> | 828 Metropolitan Avenue Redevelopment Site |
|----------------|--------------------------------------------|

|                 |                                       |
|-----------------|---------------------------------------|
| <b>LOCATION</b> | 828 Metropolitan Avenue, Brooklyn, NY |
|-----------------|---------------------------------------|

|               |                                                        |
|---------------|--------------------------------------------------------|
| <b>CLIENT</b> | Upton Metropolitan LLC and 808 Metropolitan Realty LLC |
|---------------|--------------------------------------------------------|

**CONTRACTOR** Eastern Environmental Solutions

**DRILLER** Anthony and Ernesto

|           |         |
|-----------|---------|
| PROJECT # | 0205563 |
|-----------|---------|

|              |              |
|--------------|--------------|
| PROJECT MGR. | Suzanne Bell |
|--------------|--------------|

**FIELD REP.** Matthew Cal

DATE STARTED 5/16/2023

**DATE FINISHED** 5/16/2023

| Elevation             |        | ft. | Datum        | Boring Location                           |                                              | See Map                               |                                    |
|-----------------------|--------|-----|--------------|-------------------------------------------|----------------------------------------------|---------------------------------------|------------------------------------|
| Item                  | Casing |     | Sampler      | Rig Make & Model                          |                                              | Geoprobe 7822DT                       |                                    |
| Type                  | Steel  |     | 5' macrocore | <input type="checkbox"/> Truck            | <input type="checkbox"/> Tripod              | <input type="checkbox"/> Cat-Head     | <input type="checkbox"/> Safety    |
| Inside Diameter (in.) | 2      |     | 2            | <input type="checkbox"/> ATV              | <input checked="" type="checkbox"/> Geoprobe | <input type="checkbox"/> Winch        | <input type="checkbox"/> Doughnut  |
| Hammer Weight (lb.)   | N/A    |     | N/A          | <input checked="" type="checkbox"/> Track | <input type="checkbox"/> Air Track           | <input type="checkbox"/> Roller Bit   | <input type="checkbox"/> Automatic |
| Hammer Fall (in.)     | N/A    |     | N/A          | <input type="checkbox"/> Skid             | <input type="checkbox"/> Other               | <input type="checkbox"/> Cutting Head | <input type="checkbox"/> None      |
| Drilling Notes:       |        |     |              |                                           |                                              |                                       |                                    |
|                       |        |     |              | Type Method Depth                         |                                              |                                       |                                    |
|                       |        |     |              | Direct Push                               |                                              |                                       |                                    |

| Depth (ft.) | Recovery (in/tot) | PID (ppm) | Sample Depth (ft) | Sample ID    | Visual-Manual Identification & Description<br>(Color, primary component NAME, secondary component, optional descriptions, odor, moisture [SYMBOL]) | Remarks |
|-------------|-------------------|-----------|-------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 0           |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 1           | 33/60"            | 2.7       |                   |              | Concrete [FILL]                                                                                                                                    |         |
| 2           |                   | 0.8       |                   |              |                                                                                                                                                    |         |
| 3           |                   | 0.6       |                   |              |                                                                                                                                                    |         |
| 4           |                   | 0.0       |                   |              | Brown silty SAND with brick, gravel, and concrete, dry, no odor [FILL]                                                                             |         |
| 5           |                   | 0.5       |                   |              |                                                                                                                                                    |         |
| 6           |                   | 0.2       |                   |              |                                                                                                                                                    |         |
| 7           | 55/60"            | 0.0       |                   |              |                                                                                                                                                    |         |
| 8           |                   | 0.1       |                   |              | Brown silty SAND with gravel, brick and trace concrete, dry, no odor [FILL]                                                                        |         |
| 9           |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 10          |                   | 0.4       |                   |              |                                                                                                                                                    |         |
| 11          |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 12          | 60/60"            | 2.2       |                   |              |                                                                                                                                                    |         |
| 13          |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 14          |                   | 0.2       |                   |              |                                                                                                                                                    |         |
| 15          |                   | 0.0       | 14-16'            | SRI-06_14-16 |                                                                                                                                                    |         |
| 16          |                   | 0.0       |                   |              | Light-brown, medium-to-coarse SAND with gravel, dry, mild petroleum-like odor [SP]                                                                 |         |
| 17          | 52/60"            | 0.0       |                   |              |                                                                                                                                                    |         |
| 18          |                   | 0.0       |                   |              |                                                                                                                                                    |         |
| 19          |                   | 0.8       |                   |              |                                                                                                                                                    |         |
| 20          |                   | 0.0       | 20-22'            | SRI-06_20-22 |                                                                                                                                                    |         |
| 21          |                   | 0.6       |                   |              | Medium brown silty SAND with some grey clay and gravel, moist, no odor [SM]                                                                        |         |
| 22          | 57/60"            | 2.5       |                   |              | Dark greenish-brown-to-dark-grey coarse SAND with gravel, moist, petroleum-like odor [SP]                                                          |         |
| 23          |                   | 15.5      |                   |              |                                                                                                                                                    |         |
| 24          |                   | 498.3     |                   |              |                                                                                                                                                    |         |
| 25          |                   | 1249.0    |                   |              | Fine-to-medium tan SAND with gravel, moist, no odor [SP]                                                                                           |         |
| 26          |                   | 95.0      | 26-28'            | SRI-06_26-28 |                                                                                                                                                    |         |
| 27          |                   | 31.2      |                   |              | Medium-to-coarse tan SAND with gravel, wet, no odor [SP]                                                                                           |         |
| 28          | 52/60"            | 165.4     |                   |              |                                                                                                                                                    |         |
| 29          |                   | 39.3      |                   |              |                                                                                                                                                    |         |
| 30          |                   | 165.4     |                   |              | End of boring at 30'                                                                                                                               |         |

| Water Level Data |      |                    |                   | Sample ID                                                                                        | Summary                                                                                          |
|------------------|------|--------------------|-------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Date             | Time | Elapsed Time (hr.) | Depth in feet to: | O Open End Rod<br>T Thin Wall Tube<br>U Undisturbed Sample<br>S Split Spoon Sample<br>G Geoprobe | Overburden (Linear ft.) _____ 30<br>Rock Cored (Linear ft.) _____ -<br>Number of Samples _____ 3 |
|                  |      |                    | Water             |                                                                                                  |                                                                                                  |
|                  |      |                    |                   |                                                                                                  |                                                                                                  |
|                  |      |                    |                   |                                                                                                  |                                                                                                  |
|                  |      |                    |                   |                                                                                                  |                                                                                                  |
|                  |      |                    |                   |                                                                                                  |                                                                                                  |

\*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.







|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
|------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------|--|--------------------|--|------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <div><div>HALEYALDRICH</div><div>SOIL BORING LOG</div></div>                                                                       |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | BORING NO.<br>SRI-09                                                                                                                               |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | Page 9 of 12                                                                                                                                       |  |
| PROJECT                                                                                                                            |  | 828 Metropolitan Avenue Redevelopment Site             |  |                    |  |                                                                              |  | PROJECT #                                                                                                                                                                                     |  | 0205563                                                                                                                                            |  |
| LOCATION                                                                                                                           |  | 828 Metropolitan Avenue, Brooklyn, NY                  |  |                    |  |                                                                              |  | PROJECT MGR.                                                                                                                                                                                  |  | Suzanne Bell                                                                                                                                       |  |
| CLIENT                                                                                                                             |  | Upton Metropolitan LLC and 808 Metropolitan Realty LLC |  |                    |  |                                                                              |  | FIELD REP.                                                                                                                                                                                    |  | Matthew Cal                                                                                                                                        |  |
| CONTRACTOR                                                                                                                         |  | Eastern Environmental Solutions                        |  |                    |  |                                                                              |  | DATE STARTED                                                                                                                                                                                  |  | 5/16/2023                                                                                                                                          |  |
| DRILLER                                                                                                                            |  | Anthony and Ernesto                                    |  |                    |  |                                                                              |  | DATE FINISHED                                                                                                                                                                                 |  | 5/16/2023                                                                                                                                          |  |
| Elevation                                                                                                                          |  | ft.                                                    |  | Datum              |  | Boring Location                                                              |  | See Map                                                                                                                                                                                       |  |                                                                                                                                                    |  |
| Item                                                                                                                               |  | Casing                                                 |  | Sampler            |  | Rig Make & Model                                                             |  | Geoprobe 7822DT                                                                                                                                                                               |  | Hammer Type                                                                                                                                        |  |
| Type                                                                                                                               |  | Steel                                                  |  | 5' macrocore       |  | <input type="checkbox"/> Truck <input type="checkbox"/> Tripod               |  | <input type="checkbox"/> Cat-Head                                                                                                                                                             |  | <input type="checkbox"/> Safety                                                                                                                    |  |
| Inside Diameter (in.)                                                                                                              |  | 2                                                      |  | 2                  |  | <input type="checkbox"/> ATV <input checked="" type="checkbox"/> Geoprobe    |  | <input type="checkbox"/> Winch                                                                                                                                                                |  | <input type="checkbox"/> Doughnut <input type="checkbox"/> Polymer                                                                                 |  |
| Hammer Weight (lb.)                                                                                                                |  | N/A                                                    |  | N/A                |  | <input checked="" type="checkbox"/> Track <input type="checkbox"/> Air Track |  | <input type="checkbox"/> Roller Bit                                                                                                                                                           |  | <input type="checkbox"/> Automatic <input type="checkbox"/> None                                                                                   |  |
| Hammer Fall (in.)                                                                                                                  |  | N/A                                                    |  | N/A                |  | <input type="checkbox"/> Skid <input type="checkbox"/> Other                 |  | <input type="checkbox"/> Cutting Head                                                                                                                                                         |  | Drilling Notes:                                                                                                                                    |  |
| Depth (ft.)                                                                                                                        |  | Recovery (in/tot)                                      |  | PID (ppm)          |  | Sample Depth (ft)                                                            |  | Sample ID                                                                                                                                                                                     |  | Visual-Manual Identification & Description<br>(Color, primary component NAME, secondary component, optional descriptions, odor, moisture [SYMBOL]) |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | Remarks                                                                                                                                            |  |
| 0                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 1                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Concrete [FILL]                                                                                                                                    |  |
| 2                                                                                                                                  |  | 42/60"                                                 |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 3                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 4                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Brown silty SAND with some clay and trace gravel, dry, no odor [SM]                                                                                |  |
| 5                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 6                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Light-to-medium brown silty SAND with gravel, trace concrete and glass, dry, no odor [FILL]                                                        |  |
| 7                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 8                                                                                                                                  |  | 60/60"                                                 |  | 0.3                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 9                                                                                                                                  |  |                                                        |  | 4.4                |  |                                                                              |  |                                                                                                                                                                                               |  | Medium-to-dark brown to gray silty SAND with some gravel, trace brick and gray clay, dry, no odor [FILL]                                           |  |
| 10                                                                                                                                 |  |                                                        |  | 0.6                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 11                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 12                                                                                                                                 |  | 38/60"                                                 |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Brown silty SAND with some gravel and gray clay, dry, no odor [SM]                                                                                 |  |
| 13                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 14                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 15                                                                                                                                 |  |                                                        |  | 0.0                |  | 14-16'                                                                       |  | SRI-09_14-16                                                                                                                                                                                  |  |                                                                                                                                                    |  |
| 16                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Brown fine-to-medium SAND with some gravel, dry, no odor [SP]                                                                                      |  |
| 17                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 18                                                                                                                                 |  | 55/60'                                                 |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 19                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 20                                                                                                                                 |  |                                                        |  | 0.0                |  | 20-22'                                                                       |  | SRI-09_20-22                                                                                                                                                                                  |  |                                                                                                                                                    |  |
| 21                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Brown medium SAND with some gravel, moist, no odor [SP]                                                                                            |  |
| 22                                                                                                                                 |  | 39/60"                                                 |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 23                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 24                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 25                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 26                                                                                                                                 |  | 60/60"                                                 |  | 0.0                |  | 26-28'                                                                       |  | SRI-09_26-28                                                                                                                                                                                  |  |                                                                                                                                                    |  |
| 27                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Brown medium-to-coarse SAND with gravel, wet, no odor [SP]                                                                                         |  |
| 28                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 29                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 30                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| End of boring at 30'                                                                                                               |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| Water Level Data                                                                                                                   |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| Date                                                                                                                               |  | Time                                                   |  | Elapsed Time (hr.) |  | Depth in feet to:                                                            |  | Sample ID                                                                                                                                                                                     |  | Summary                                                                                                                                            |  |
|                                                                                                                                    |  |                                                        |  |                    |  | Water                                                                        |  | <div><div>O</div>Open End Rod</div> <div><div>T</div>Thin Wall Tube</div> <div><div>U</div>Undisturbed Sample</div> <div><div>S</div>Split Spoon Sample</div> <div><div>G</div>Geoprobe</div> |  | Overburden (Linear ft.) 30                                                                                                                         |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | Rock Cored (Linear ft.) -                                                                                                                          |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | Number of Samples 3                                                                                                                                |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | BORING NO. SRI-09                                                                                                                                  |  |
| *NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.                           |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc. |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |



|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
|------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------|--|--------------------|--|------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <div><div>HALEYALDRICH</div><div>SOIL BORING LOG</div></div>                                                                       |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | BORING NO.<br>SRI-11                                                                                                                               |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | Page 11 of 12                                                                                                                                      |  |
| PROJECT                                                                                                                            |  | 828 Metropolitan Avenue Redevelopment Site             |  |                    |  |                                                                              |  | PROJECT #                                                                                                                                                                                     |  | 0205563                                                                                                                                            |  |
| LOCATION                                                                                                                           |  | 828 Metropolitan Avenue, Brooklyn, NY                  |  |                    |  |                                                                              |  | PROJECT MGR.                                                                                                                                                                                  |  | Suzanne Bell                                                                                                                                       |  |
| CLIENT                                                                                                                             |  | Upton Metropolitan LLC and 808 Metropolitan Realty LLC |  |                    |  |                                                                              |  | FIELD REP.                                                                                                                                                                                    |  | Matthew Cal                                                                                                                                        |  |
| CONTRACTOR                                                                                                                         |  | Eastern Environmental Solutions                        |  |                    |  |                                                                              |  | DATE STARTED                                                                                                                                                                                  |  | 5/17/2023                                                                                                                                          |  |
| DRILLER                                                                                                                            |  | Anthony and Ernesto                                    |  |                    |  |                                                                              |  | DATE FINISHED                                                                                                                                                                                 |  | 5/17/2023                                                                                                                                          |  |
| Elevation                                                                                                                          |  | ft.                                                    |  | Datum              |  | Boring Location                                                              |  | See Map                                                                                                                                                                                       |  |                                                                                                                                                    |  |
| Item                                                                                                                               |  | Casing                                                 |  | Sampler            |  | Rig Make & Model                                                             |  | Geoprobe 7822DT                                                                                                                                                                               |  | Hammer Type                                                                                                                                        |  |
| Type                                                                                                                               |  | Steel                                                  |  | 5' macrocore       |  | <input type="checkbox"/> Truck <input type="checkbox"/> Tripod               |  | <input type="checkbox"/> Cat-Head                                                                                                                                                             |  | <input type="checkbox"/> Safety                                                                                                                    |  |
| Inside Diameter (in.)                                                                                                              |  | 2                                                      |  | 2                  |  | <input type="checkbox"/> ATV <input checked="" type="checkbox"/> Geoprobe    |  | <input type="checkbox"/> Winch                                                                                                                                                                |  | <input type="checkbox"/> Doughnut <input type="checkbox"/> Polymer                                                                                 |  |
| Hammer Weight (lb.)                                                                                                                |  | N/A                                                    |  | N/A                |  | <input checked="" type="checkbox"/> Track <input type="checkbox"/> Air Track |  | <input type="checkbox"/> Roller Bit                                                                                                                                                           |  | <input type="checkbox"/> Automatic <input type="checkbox"/> None                                                                                   |  |
| Hammer Fall (in.)                                                                                                                  |  | N/A                                                    |  | N/A                |  | <input type="checkbox"/> Skid <input type="checkbox"/> Other                 |  | <input type="checkbox"/> Cutting Head                                                                                                                                                         |  | Drilling Notes:                                                                                                                                    |  |
| Depth (ft.)                                                                                                                        |  | Recovery (in/tot)                                      |  | PID (ppm)          |  | Sample Depth (ft)                                                            |  | Sample ID                                                                                                                                                                                     |  | Visual-Manual Identification & Description<br>(Color, primary component NAME, secondary component, optional descriptions, odor, moisture [SYMBOL]) |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | Remarks                                                                                                                                            |  |
| 0                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 1                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 2                                                                                                                                  |  | 26/60"                                                 |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Medium-brown silty SAND with some gravel, trace brick, asphalt, and concrete, dry, no odor [FILL]                                                  |  |
| 3                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 4                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 5                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 6                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Medium-brown silty SAND with some gravel, trace brick, asphalt, and concrete, dry, no odor [FILL]                                                  |  |
| 7                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 8                                                                                                                                  |  | 38/60"                                                 |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Medium-brown, medium SAND with gravel, trace concrete and brick, dry, no odor [FILL]                                                               |  |
| 9                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 10                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Brown medium SAND with gravel, dry, no odor [SP]                                                                                                   |  |
| 11                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 12                                                                                                                                 |  | 46.5/60"                                               |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Brown CLAY with trace gravel, dry, no odor [CL]                                                                                                    |  |
| 13                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Light-to-medium brown silty SAND with gravel, trace brick and concrete, dry, no odor [FILL]                                                        |  |
| 14                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 15                                                                                                                                 |  |                                                        |  | 0.0                |  | 14-16'                                                                       |  | SRI-11 14-16                                                                                                                                                                                  |  |                                                                                                                                                    |  |
| 16                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 17                                                                                                                                 |  | 44.5/60"                                               |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Brown medium SAND with gravel, dry, no odor [SP]                                                                                                   |  |
| 18                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 19                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 20                                                                                                                                 |  |                                                        |  | 0.0                |  | 20-22'                                                                       |  | SRI-11 20-22                                                                                                                                                                                  |  |                                                                                                                                                    |  |
| 21                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 22                                                                                                                                 |  | 28/60"                                                 |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Brown silty SAND with brown clay and some gravel, moist, no odor [SM]                                                                              |  |
| 23                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 24                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 25                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Light-to-medium brown silty SAND with some gravel, wet, no odor [SM]                                                                               |  |
| 26                                                                                                                                 |  | 60/60"                                                 |  | 0.0                |  | 26-28'                                                                       |  | SRI-11 26-28                                                                                                                                                                                  |  |                                                                                                                                                    |  |
| 27                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Brown CLAY with trace gravel, wet, no odor [CL]                                                                                                    |  |
| 28                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 29                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| 30                                                                                                                                 |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | End of boring at 30'                                                                                                                               |  |
| Water Level Data                                                                                                                   |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| Date                                                                                                                               |  | Time                                                   |  | Elapsed Time (hr.) |  | Depth in feet to:                                                            |  | Sample ID                                                                                                                                                                                     |  | Summary                                                                                                                                            |  |
|                                                                                                                                    |  |                                                        |  |                    |  | Water                                                                        |  | <div><div>O</div>Open End Rod</div> <div><div>T</div>Thin Wall Tube</div> <div><div>U</div>Undisturbed Sample</div> <div><div>S</div>Split Spoon Sample</div> <div><div>G</div>Geoprobe</div> |  | Overburden (Linear ft.) 30                                                                                                                         |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | Rock Cored (Linear ft.) -                                                                                                                          |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | Number of Samples 3                                                                                                                                |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | BORING NO. SRI-11                                                                                                                                  |  |
| *NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.                           |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |
| NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc. |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |

|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------|--|--------------------|--|------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------|--|-------------------|--|---------|--|---------|--|--|--|
| <div><div>HALEYALDRICH</div><div>SOIL BORING LOG</div></div>                                                                       |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | BORING NO.<br>SRI-12                                                                                                                               |  |                                    |  |                   |  |         |  |         |  |  |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | Page 12 of 12                                                                                                                                      |  |                                    |  |                   |  |         |  |         |  |  |  |
| PROJECT                                                                                                                            |  | 828 Metropolitan Avenue Redevelopment Site             |  |                    |  |                                                                              |  | PROJECT #                                                                                                                                                                                     |  | 0205563                                                                                                                                            |  |                                    |  |                   |  |         |  |         |  |  |  |
| LOCATION                                                                                                                           |  | 828 Metropolitan Avenue, Brooklyn, NY                  |  |                    |  |                                                                              |  | PROJECT MGR.                                                                                                                                                                                  |  | Suzanne Bell                                                                                                                                       |  |                                    |  |                   |  |         |  |         |  |  |  |
| CLIENT                                                                                                                             |  | Upton Metropolitan LLC and 808 Metropolitan Realty LLC |  |                    |  |                                                                              |  | FIELD REP.                                                                                                                                                                                    |  | Matthew Cal                                                                                                                                        |  |                                    |  |                   |  |         |  |         |  |  |  |
| CONTRACTOR                                                                                                                         |  | Eastern Environmental Solutions                        |  |                    |  |                                                                              |  | DATE STARTED                                                                                                                                                                                  |  | 5/17/2023                                                                                                                                          |  |                                    |  |                   |  |         |  |         |  |  |  |
| DRILLER                                                                                                                            |  | Anthony and Ernesto                                    |  |                    |  |                                                                              |  | DATE FINISHED                                                                                                                                                                                 |  | 5/17/2023                                                                                                                                          |  |                                    |  |                   |  |         |  |         |  |  |  |
| Elevation                                                                                                                          |  | ft.                                                    |  | Datum              |  | Boring Location                                                              |  | See Map                                                                                                                                                                                       |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| Item                                                                                                                               |  | Casing                                                 |  | Sampler            |  | Rig Make & Model                                                             |  | Geoprobe 7822DT                                                                                                                                                                               |  | Hammer Type                                                                                                                                        |  | Drilling Mud                       |  | Casing Advance    |  |         |  |         |  |  |  |
| Type                                                                                                                               |  | Steel                                                  |  | 5' macrocore       |  | <input type="checkbox"/> Truck <input type="checkbox"/> Tripod               |  | <input type="checkbox"/> Cat-Head                                                                                                                                                             |  | <input type="checkbox"/> Safety                                                                                                                    |  | <input type="checkbox"/> Bentonite |  | Type Method Depth |  |         |  |         |  |  |  |
| Inside Diameter (in.)                                                                                                              |  | 2                                                      |  | 2                  |  | <input type="checkbox"/> ATV <input checked="" type="checkbox"/> Geoprobe    |  | <input type="checkbox"/> Winch                                                                                                                                                                |  | <input type="checkbox"/> Doughnut                                                                                                                  |  | <input type="checkbox"/> Polymer   |  |                   |  |         |  |         |  |  |  |
| Hammer Weight (lb.)                                                                                                                |  | N/A                                                    |  | N/A                |  | <input checked="" type="checkbox"/> Track <input type="checkbox"/> Air Track |  | <input type="checkbox"/> Roller Bit                                                                                                                                                           |  | <input type="checkbox"/> Automatic                                                                                                                 |  | <input type="checkbox"/> None      |  | Direct Push       |  |         |  |         |  |  |  |
| Hammer Fall (in.)                                                                                                                  |  | N/A                                                    |  | N/A                |  | <input type="checkbox"/> Skid <input type="checkbox"/> Other                 |  | <input type="checkbox"/> Cutting Head                                                                                                                                                         |  | Drilling Notes:                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| Depth (ft.)                                                                                                                        |  | Recovery (in/tot)                                      |  | PID (ppm)          |  | Sample Depth (ft)                                                            |  | Sample ID                                                                                                                                                                                     |  | Visual-Manual Identification & Description<br>(Color, primary component NAME, secondary component, optional descriptions, odor, moisture [SYMBOL]) |  |                                    |  |                   |  | Remarks |  |         |  |  |  |
| 0                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Dark-grey-to-black silty SAND with gravel, dry, no odor [FILL]                                                                                     |  |                                    |  |                   |  |         |  |         |  |  |  |
| 1                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 2                                                                                                                                  |  | 36/60"                                                 |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 3                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 4                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 5                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Medium-brown silty SAND with gravel, trace concrete, brick, and asphalt, dry, no odor [FILL]                                                       |  |                                    |  |                   |  |         |  |         |  |  |  |
| 6                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 7                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 8                                                                                                                                  |  | 46/60"                                                 |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 9                                                                                                                                  |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 10                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Medium-brown, medium SAND with gravel, dry, no odor [SP]                                                                                           |  |                                    |  |                   |  |         |  |         |  |  |  |
| 11                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 12                                                                                                                                 |  | 38/60"                                                 |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 13                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 14                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 15                                                                                                                                 |  |                                                        |  | 0.0                |  | 14-16'                                                                       |  | SRI-12_14-16                                                                                                                                                                                  |  | Medium-brown, medium SAND with gravel, dry, no odor [SP]                                                                                           |  |                                    |  |                   |  |         |  |         |  |  |  |
| 16                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 17                                                                                                                                 |  | 50.5/60'                                               |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 18                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 19                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 20                                                                                                                                 |  |                                                        |  | 0.0                |  | 20-22'                                                                       |  | SRI-12_20-22                                                                                                                                                                                  |  | Light-brown, medium-to-coarse SAND with gravel, moist, no odor [SP]                                                                                |  |                                    |  |                   |  |         |  |         |  |  |  |
| 21                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 22                                                                                                                                 |  | 50/60"                                                 |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 23                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 24                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 25                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  | Brown silty SAND with some gray clay and trace gravel, moist, no odor [SM]                                                                         |  |                                    |  |                   |  |         |  |         |  |  |  |
| 26                                                                                                                                 |  | 60/60"                                                 |  | 0.0                |  | 26-28'                                                                       |  | SRI-12_26-28                                                                                                                                                                                  |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 27                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 28                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 29                                                                                                                                 |  |                                                        |  | 0.0                |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| 30                                                                                                                                 |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  | End of boring at 30'                                                                                                                               |  |                                    |  |                   |  |         |  |         |  |  |  |
| Water Level Data                                                                                                                   |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  | Sample ID         |  |         |  | Summary |  |  |  |
| Date                                                                                                                               |  | Time                                                   |  | Elapsed Time (hr.) |  | Depth in feet to:                                                            |  | <div><div>O</div>Open End Rod</div> <div><div>T</div>Thin Wall Tube</div> <div><div>U</div>Undisturbed Sample</div> <div><div>S</div>Split Spoon Sample</div> <div><div>G</div>Geoprobe</div> |  |                                                                                                                                                    |  | Overburden (Linear ft.)            |  |                   |  | 30      |  |         |  |  |  |
|                                                                                                                                    |  |                                                        |  |                    |  | Water                                                                        |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  | Rock Cored (Linear ft.)            |  |                   |  | -       |  |         |  |  |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  | Number of Samples                  |  |                   |  | 3       |  |         |  |  |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
|                                                                                                                                    |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |
| *NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.                           |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  | BORING NO.        |  |         |  | SRI-12  |  |  |  |
| NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc. |  |                                                        |  |                    |  |                                                                              |  |                                                                                                                                                                                               |  |                                                                                                                                                    |  |                                    |  |                   |  |         |  |         |  |  |  |

## **APPENDIX C**

### **Analytical Laboratory Reports**

No results found for sample L2326867-13 for product AS-TI  
No results found for sample L2326867-13 for product BA-TI  
No results found for sample L2326867-13 for product BE-TI  
No results found for sample L2326867-13 for product CA-TI  
No results found for sample L2326867-13 for product CD-TI  
No results found for sample L2326867-13 for product CO-TI  
No results found for sample L2326867-13 for product CR-TI  
No results found for sample L2326867-13 for product CU-TI  
No results found for sample L2326867-13 for product FE-TI  
No results found for sample L2326867-13 for product HG-T  
No results found for sample L2326867-13 for product K-TI  
No results found for sample L2326867-13 for product MG-TI  
No results found for sample L2326867-13 for product MN-TI  
No results found for sample L2326867-13 for product NA-TI  
No results found for sample L2326867-13 for product NI-TI  
No results found for sample L2326867-13 for product NYTCL-8081  
No results found for sample L2326867-13 for product NYTCL-8082  
No results found for sample L2326867-13 for product NYTCL-8260HLW  
No results found for sample L2326867-13 for product NYTCL-8270  
No results found for sample L2326867-13 for product PB-TI  
No results found for sample L2326867-13 for product SB-TI  
No results found for sample L2326867-13 for product SE-TI  
No results found for sample L2326867-13 for product TL-TI  
No results found for sample L2326867-13 for product TS  
No results found for sample L2326867-13 for product V-TI  
No results found for sample L2326867-13 for product ZN-TI  
No results found for sample L2326867-14 for product AG-TI  
No results found for sample L2326867-14 for product AL-TI  
No results found for sample L2326867-14 for product AS-TI  
No results found for sample L2326867-14 for product BA-TI  
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No results found for sample L2326867-14 for product TL-TI  
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No results found for sample L2326867-14 for product V-TI  
No results found for sample L2326867-14 for product ZN-TI  
No results found for sample L2326867-17 for product AG-TI  
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No results found for sample L2326867-17 for product AS-TI  
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No results found for sample L2326867-17 for product CA-TI  
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No results found for sample L2326867-17 for product TS  
No results found for sample L2326867-17 for product V-TI  
No results found for sample L2326867-17 for product ZN-TI



## ANALYTICAL REPORT

|                 |                                                                             |
|-----------------|-----------------------------------------------------------------------------|
| Lab Number:     | L2326867                                                                    |
| Client:         | Haley & Aldrich<br>237 West 35th Street<br>16th Floor<br>New York, NY 10123 |
| ATTN:           | Suzanne Bell                                                                |
| Phone:          | (973) 658-3938                                                              |
| Project Name:   | 828 METROPOLITAN                                                            |
| Project Number: | 0205563                                                                     |
| Report Date:    | 06/06/23                                                                    |

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)





**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

| Alpha<br>Sample ID | Client ID       | Matrix | Sample<br>Location                  | Collection<br>Date/Time | Receive Date |
|--------------------|-----------------|--------|-------------------------------------|-------------------------|--------------|
| L2326867-01        | WC-C_COMP_0-4   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 15:00          | 05/15/23     |
| L2326867-02        | WC-C_COMP_4-8   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 15:05          | 05/15/23     |
| L2326867-03        | WC-C_COMP_8-12  | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 15:10          | 05/15/23     |
| L2326867-04        | WC-C_COMP_12-16 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 15:15          | 05/15/23     |
| L2326867-05        | WC-A_GRAB_7-8   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 13:40          | 05/15/23     |
| L2326867-06        | WC-A_GRAB_11-12 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 13:45          | 05/15/23     |
| L2326867-07        | WC-A_GRAB_3-4   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 14:30          | 05/15/23     |
| L2326867-08        | WC-A_GRAB_15-16 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 14:35          | 05/15/23     |
| L2326867-09        | P2_SB02_0-2     | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 09:40          | 05/15/23     |
| L2326867-10        | RI_SB05_0-0.5   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 12:55          | 05/15/23     |
| L2326867-11        | RI_SB11_0-0.5   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 13:10          | 05/15/23     |
| L2326867-12        | SRI-03_14-16    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 09:15          | 05/15/23     |
| L2326867-13        | SRI-03_20-22    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 09:20          | 05/15/23     |
| L2326867-14        | SRI-03_26-28    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 09:25          | 05/15/23     |
| L2326867-15        | SRI-04_14-16    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 11:00          | 05/15/23     |
| L2326867-16        | SRI-04_20-22    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 11:05          | 05/15/23     |
| L2326867-17        | SRI-04_26-28    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 11:10          | 05/15/23     |
| L2326867-18        | FIELD BLANK     | WATER  | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/15/23 15:40          | 05/15/23     |

| Alpha<br>Sample ID | Client ID   | Matrix | Sample<br>Location                     | Collection<br>Date/Time | Receive Date |
|--------------------|-------------|--------|----------------------------------------|-------------------------|--------------|
| L2326867-19        | TRIP BLANK  | WATER  | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/15/23 00:00          | 05/15/23     |
| L2326867-20        | FIELD BLANK | WATER  | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/15/23 15:44          | 05/15/23     |
| L2326867-21        | FIELD BLANK | WATER  | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/15/23 15:50          | 05/15/23     |
| L2326867-22        | FIELD BLANK | WATER  | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/15/23 15:55          | 05/15/23     |
| L2326867-23        | FIELD BLANK | WATER  | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/15/23 16:00          | 05/15/23     |
| L2326867-24        | FIELD BLANK | WATER  | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/15/23 16:05          | 05/15/23     |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

**HOLD POLICY** - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

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**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Case Narrative (continued)

#### Report Submission

June 06, 2023: This final report includes the results of all requested analyses.

May 30, 2023: This is a preliminary report.

May 22, 2023: This is a preliminary report.

May 16, 2023: This is a preliminary report.

#### Volatile Organics

L2326867-05: The acetone result should be considered estimated due to co-elution with a non-target compound.

The WG1781753-5 Method Blank, associated with L2326867-07 and -08, has a concentration above the reporting limit for bromomethane. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

#### Total Metals

L2326867-01 through -04, -12, -15, and -16: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2326867-23: The Field Blank has a result for barium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

#### Cyanide, Total

The WG1779375-2 LCS recovery for cyanide, total (65%), associated with L2326867-01 and -02, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

*Tiffani Morrissey* - Tiffani Morrissey

Title: Technical Director/Representative

Date: 06/06/23

# ORGANICS

# VOLATILES

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-05  
 Client ID: WC-A\_GRAB\_7-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 13:40  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/20/23 22:02  
 Analyst: AJK  
 Percent Solids: 88%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 4.2  | 1.9  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 0.85 | 0.12 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.3  | 0.12 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 0.85 | 0.19 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 0.85 | 0.10 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 0.85 | 0.12 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 0.85 | 0.23 | 1               |
| Tetrachloroethene                                   | 0.54   |           | ug/kg | 0.42 | 0.17 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.42 | 0.11 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 3.4  | 0.59 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 0.85 | 0.22 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.42 | 0.14 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.42 | 0.09 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 0.85 | 0.23 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.42 | 0.13 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.42 | 0.13 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.42 | 0.13 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 3.4  | 0.21 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.42 | 0.14 | 1               |
| Benzene                                             | 10     |           | ug/kg | 0.42 | 0.14 | 1               |
| Toluene                                             | 3.1    |           | ug/kg | 0.85 | 0.46 | 1               |
| Ethylbenzene                                        | 6.7    |           | ug/kg | 0.85 | 0.12 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 3.4  | 0.79 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 1.7  | 0.49 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 0.85 | 0.28 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 1.7  | 0.38 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 0.85 | 0.20 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.3  | 0.12 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

## SAMPLE RESULTS

Lab ID: L2326867-05  
 Client ID: WC-A\_GRAB\_7-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 13:40  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.42 | 0.12 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.12 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.12 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.14 | 1               |
| Methyl tert butyl ether                             | 0.45   | J         | ug/kg | 1.7  | 0.17 | 1               |
| p/m-Xylene                                          | 3.4    |           | ug/kg | 1.7  | 0.47 | 1               |
| o-Xylene                                            | 1.3    |           | ug/kg | 0.85 | 0.25 | 1               |
| Xylenes, Total                                      | 4.7    |           | ug/kg | 0.85 | 0.25 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 0.85 | 0.15 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 0.85 | 0.12 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 1.7  | 0.20 | 1               |
| Styrene                                             | ND     |           | ug/kg | 0.85 | 0.17 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 8.5  | 0.78 | 1               |
| Acetone                                             | 27     |           | ug/kg | 8.5  | 4.1  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 8.5  | 3.8  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 8.5  | 1.9  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 8.5  | 1.8  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 8.5  | 1.1  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 1.7  | 0.11 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 8.5  | 1.0  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 1.7  | 0.17 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 1.7  | 0.17 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 0.85 | 0.24 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 1.7  | 0.14 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.42 | 0.11 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 1.7  | 0.12 | 1               |
| n-Butylbenzene                                      | 0.92   |           | ug/kg | 0.85 | 0.14 | 1               |
| sec-Butylbenzene                                    | 0.62   | J         | ug/kg | 0.85 | 0.12 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 1.7  | 0.10 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 1.7  | 0.16 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 1.7  | 0.09 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 2.5  | 0.85 | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 3.4  | 0.14 | 1               |
| Isopropylbenzene                                    | 4.6    |           | ug/kg | 0.85 | 0.09 | 1               |
| p-Isopropyltoluene                                  | 0.39   | J         | ug/kg | 0.85 | 0.09 | 1               |
| Naphthalene                                         | 1.6    | J         | ug/kg | 3.4  | 0.55 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 3.4  | 0.97 | 1               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-05**Date Collected:** 05/15/23 13:40**Client ID:** WC-A\_GRAB\_7-8**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| n-Propylbenzene                                     | 3.2    |           | ug/kg | 0.85 | 0.14 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 1.7  | 0.27 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 1.7  | 0.23 | 1               |
| 1,3,5-Trimethylbenzene                              | 0.55   | J         | ug/kg | 1.7  | 0.16 | 1               |
| 1,2,4-Trimethylbenzene                              | 1.5    | J         | ug/kg | 1.7  | 0.28 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 68   | 30.  | 1               |
| p-Diethylbenzene                                    | 0.16   | J         | ug/kg | 1.7  | 0.15 | 1               |
| p-Ethyltoluene                                      | 1.3    | J         | ug/kg | 1.7  | 0.32 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | 2.4    |           | ug/kg | 1.7  | 0.16 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 1.7  | 0.29 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 4.2  | 1.2  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 104        |           | 70-130              |
| Toluene-d8            | 92         |           | 70-130              |
| 4-Bromofluorobenzene  | 90         |           | 70-130              |
| Dibromofluoromethane  | 109        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-06  
 Client ID: WC-A\_GRAB\_11-12  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 13:45  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/20/23 22:25  
 Analyst: AJK  
 Percent Solids: 90%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 4.4  | 2.0  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 0.87 | 0.13 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.3  | 0.12 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 0.87 | 0.20 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 0.87 | 0.11 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 0.87 | 0.12 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 0.87 | 0.23 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.44 | 0.17 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.44 | 0.11 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 3.5  | 0.61 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 0.87 | 0.22 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.44 | 0.14 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.44 | 0.10 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 0.87 | 0.24 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.44 | 0.14 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.44 | 0.14 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.44 | 0.14 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 3.5  | 0.22 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.44 | 0.14 | 1               |
| Benzene                                             | 0.65   |           | ug/kg | 0.44 | 0.14 | 1               |
| Toluene                                             | 3.7    |           | ug/kg | 0.87 | 0.47 | 1               |
| Ethylbenzene                                        | 0.79   | J         | ug/kg | 0.87 | 0.12 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 3.5  | 0.81 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 1.7  | 0.51 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 0.87 | 0.29 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 1.7  | 0.40 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 0.87 | 0.21 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.3  | 0.12 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

## SAMPLE RESULTS

Lab ID: L2326867-06  
 Client ID: WC-A\_GRAB\_11-12  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 13:45  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.44 | 0.12 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.12 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.13 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.15 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 1.7  | 0.18 | 1               |
| p/m-Xylene                                          | 2.5    |           | ug/kg | 1.7  | 0.49 | 1               |
| o-Xylene                                            | 0.88   |           | ug/kg | 0.87 | 0.25 | 1               |
| Xylenes, Total                                      | 3.4    |           | ug/kg | 0.87 | 0.25 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 0.87 | 0.15 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 0.87 | 0.12 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 1.7  | 0.21 | 1               |
| Styrene                                             | ND     |           | ug/kg | 0.87 | 0.17 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 8.7  | 0.80 | 1               |
| Acetone                                             | ND     |           | ug/kg | 8.7  | 4.2  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 8.7  | 4.0  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 8.7  | 1.9  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 8.7  | 1.9  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 8.7  | 1.1  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 1.7  | 0.11 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 8.7  | 1.0  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 1.7  | 0.18 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 1.7  | 0.18 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 0.87 | 0.24 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 1.7  | 0.14 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.44 | 0.12 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 1.7  | 0.13 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 0.87 | 0.14 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 0.87 | 0.13 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 1.7  | 0.10 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 1.7  | 0.17 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 1.7  | 0.09 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 2.6  | 0.87 | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 3.5  | 0.15 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 0.87 | 0.10 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 0.87 | 0.10 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 3.5  | 0.57 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 3.5  | 1.0  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-06**Date Collected:** 05/15/23 13:45**Client ID:** WC-A\_GRAB\_11-12**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| n-Propylbenzene                                     | 0.17   | J         | ug/kg | 0.87 | 0.15 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 1.7  | 0.28 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 1.7  | 0.24 | 1               |
| 1,3,5-Trimethylbenzene                              | 0.21   | J         | ug/kg | 1.7  | 0.17 | 1               |
| 1,2,4-Trimethylbenzene                              | 0.69   | J         | ug/kg | 1.7  | 0.29 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 70   | 31.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 1.7  | 0.15 | 1               |
| p-Ethyltoluene                                      | 0.65   | J         | ug/kg | 1.7  | 0.34 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 1.7  | 0.17 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 1.7  | 0.30 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 4.4  | 1.2  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 117        |           | 70-130              |
| Toluene-d8            | 91         |           | 70-130              |
| 4-Bromofluorobenzene  | 89         |           | 70-130              |
| Dibromofluoromethane  | 124        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-07  
 Client ID: WC-A\_GRAB\_3-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 14:30  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/21/23 21:44  
 Analyst: JIC  
 Percent Solids: 93%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 6.2  | 2.8  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.2  | 0.18 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.8  | 0.17 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.2  | 0.28 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.2  | 0.15 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.2  | 0.17 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.2  | 0.33 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.62 | 0.24 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.62 | 0.16 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.9  | 0.86 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.2  | 0.32 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.62 | 0.20 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.62 | 0.13 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.2  | 0.34 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.62 | 0.19 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.62 | 0.19 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.62 | 0.20 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.9  | 0.30 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.62 | 0.20 | 1               |
| Benzene                                             | 0.76   |           | ug/kg | 0.62 | 0.20 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.2  | 0.67 | 1               |
| Ethylbenzene                                        | 0.34   | J         | ug/kg | 1.2  | 0.17 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.9  | 1.1  | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.5  | 0.72 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.2  | 0.41 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.5  | 0.56 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.2  | 0.29 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.8  | 0.17 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-07  
 Client ID: WC-A\_GRAB\_3-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 14:30  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.62 | 0.17 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.5  | 0.18 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.5  | 0.18 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.5  | 0.21 | 1               |
| Methyl tert butyl ether                             | 1.2    | J         | ug/kg | 2.5  | 0.25 | 1               |
| p/m-Xylene                                          | 1.6    | J         | ug/kg | 2.5  | 0.69 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.2  | 0.36 | 1               |
| Xylenes, Total                                      | 1.6    | J         | ug/kg | 1.2  | 0.36 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.2  | 0.22 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.2  | 0.17 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.5  | 0.29 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.2  | 0.24 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 12   | 1.1  | 1               |
| Acetone                                             | 52     |           | ug/kg | 12   | 5.9  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 12   | 5.6  | 1               |
| 2-Butanone                                          | 11     | J         | ug/kg | 12   | 2.7  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 12   | 2.6  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 12   | 1.6  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.5  | 0.16 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 12   | 1.4  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.5  | 0.25 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.5  | 0.25 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.2  | 0.34 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.5  | 0.20 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.62 | 0.16 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.5  | 0.18 | 1               |
| n-Butylbenzene                                      | 1.0    | J         | ug/kg | 1.2  | 0.20 | 1               |
| sec-Butylbenzene                                    | 0.73   | J         | ug/kg | 1.2  | 0.18 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.5  | 0.14 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.5  | 0.24 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.5  | 0.13 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.7  | 1.2  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.9  | 0.21 | 1               |
| Isopropylbenzene                                    | 0.41   | J         | ug/kg | 1.2  | 0.13 | 1               |
| p-Isopropyltoluene                                  | 2.5    |           | ug/kg | 1.2  | 0.13 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 4.9  | 0.80 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.9  | 1.4  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-07**Date Collected:** 05/15/23 14:30**Client ID:** WC-A\_GRAB\_3-4**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | 1.4    |           | ug/kg | 1.2 | 0.21 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.5 | 0.40 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.5 | 0.34 | 1               |
| 1,3,5-Trimethylbenzene                              | 4.0    |           | ug/kg | 2.5 | 0.24 | 1               |
| 1,2,4-Trimethylbenzene                              | 18     |           | ug/kg | 2.5 | 0.41 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 98  | 43.  | 1               |
| p-Diethylbenzene                                    | 4.1    |           | ug/kg | 2.5 | 0.22 | 1               |
| p-Ethyltoluene                                      | 3.8    |           | ug/kg | 2.5 | 0.47 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | 2.5    |           | ug/kg | 2.5 | 0.24 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.5 | 0.42 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 6.2 | 1.7  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 122        |           | 70-130              |
| Toluene-d8            | 97         |           | 70-130              |
| 4-Bromofluorobenzene  | 99         |           | 70-130              |
| Dibromofluoromethane  | 105        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-08  
 Client ID: WC-A\_GRAB\_15-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 14:35  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 05/21/23 21:17

Analyst: JIC

Percent Solids: 87%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.1  | 2.4  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.5  | 0.14 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.0  | 0.24 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.0  | 0.13 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.0  | 0.27 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.51 | 0.20 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.51 | 0.13 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.1  | 0.71 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.26 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.51 | 0.17 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.51 | 0.11 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.51 | 0.16 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.51 | 0.16 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.51 | 0.16 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.1  | 0.25 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.51 | 0.17 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.51 | 0.17 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.0  | 0.56 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.1  | 0.96 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.0  | 0.60 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.0  | 0.34 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.0  | 0.46 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.0  | 0.24 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.5  | 0.14 | 1               |



Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

## SAMPLE RESULTS

Lab ID: L2326867-08  
 Client ID: WC-A\_GRAB\_15-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 14:35  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.51 | 0.14 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.15 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.15 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.18 | 1               |
| Methyl tert butyl ether                             | 0.53   | J         | ug/kg | 2.0  | 0.21 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.0  | 0.58 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.0  | 0.30 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.0  | 0.30 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.0  | 0.18 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.0  | 0.24 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.0  | 0.20 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 10   | 0.94 | 1               |
| Acetone                                             | 8.3    | J         | ug/kg | 10   | 4.9  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 10   | 4.7  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 10   | 2.3  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 10   | 2.2  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 10   | 1.3  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.0  | 0.13 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 10   | 1.2  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.0  | 0.21 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.0  | 0.21 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.0  | 0.29 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.0  | 0.17 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.51 | 0.14 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.0  | 0.15 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.0  | 0.17 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.0  | 0.12 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.0  | 0.20 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.0  | 0.11 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.1  | 1.0  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.1  | 0.17 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 4.1  | 0.67 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.1  | 1.2  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-08**Date Collected:** 05/15/23 14:35**Client ID:** WC-A\_GRAB\_15-16**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.0 | 0.18 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.0 | 0.33 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.0 | 0.28 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.0 | 0.20 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.0 | 0.34 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 82  | 36.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.0 | 0.18 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.0 | 0.39 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | 0.28   | J         | ug/kg | 2.0 | 0.20 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.0 | 0.35 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.1 | 1.4  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 123        |           | 70-130              |
| Toluene-d8            | 97         |           | 70-130              |
| 4-Bromofluorobenzene  | 97         |           | 70-130              |
| Dibromofluoromethane  | 110        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-12  
 Client ID: SRI-03\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 09:15  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/16/23 09:52  
 Analyst: JIC  
 Percent Solids: 93%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 4.2  | 1.9  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 0.84 | 0.12 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.3  | 0.12 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 0.84 | 0.19 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 0.84 | 0.10 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 0.84 | 0.12 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 0.84 | 0.22 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.42 | 0.16 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.42 | 0.11 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 3.4  | 0.58 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 0.84 | 0.22 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.42 | 0.14 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.42 | 0.09 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 0.84 | 0.23 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.42 | 0.13 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.42 | 0.13 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.42 | 0.13 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 3.4  | 0.21 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.42 | 0.14 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.42 | 0.14 | 1               |
| Toluene                                             | ND     |           | ug/kg | 0.84 | 0.46 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 0.84 | 0.12 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 3.4  | 0.78 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 1.7  | 0.49 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 0.84 | 0.28 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 1.7  | 0.38 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 0.84 | 0.20 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.3  | 0.12 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

## SAMPLE RESULTS

Lab ID: L2326867-12  
 Client ID: SRI-03\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 09:15  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.42 | 0.12 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.12 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.12 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.14 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 1.7  | 0.17 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 1.7  | 0.47 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 0.84 | 0.24 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 0.84 | 0.24 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 0.84 | 0.15 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 0.84 | 0.12 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 1.7  | 0.20 | 1               |
| Styrene                                             | ND     |           | ug/kg | 0.84 | 0.16 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 8.4  | 0.77 | 1               |
| Acetone                                             | 4.4    | J         | ug/kg | 8.4  | 4.0  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 8.4  | 3.8  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 8.4  | 1.9  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 8.4  | 1.8  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 8.4  | 1.1  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 1.7  | 0.11 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 8.4  | 0.99 | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 1.7  | 0.17 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 1.7  | 0.17 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 0.84 | 0.23 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 1.7  | 0.14 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.42 | 0.11 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 1.7  | 0.12 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 0.84 | 0.14 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 0.84 | 0.12 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 1.7  | 0.10 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 1.7  | 0.16 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 1.7  | 0.09 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 2.5  | 0.84 | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 3.4  | 0.14 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 0.84 | 0.09 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 0.84 | 0.09 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 3.4  | 0.55 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 3.4  | 0.97 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-12**Date Collected:** 05/15/23 09:15**Client ID:** SRI-03\_14-16**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 0.84 | 0.14 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 1.7  | 0.27 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 1.7  | 0.23 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 1.7  | 0.16 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 1.7  | 0.28 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 67   | 30.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 1.7  | 0.15 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 1.7  | 0.32 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 1.7  | 0.16 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 1.7  | 0.29 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 4.2  | 1.2  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 101        |           | 70-130              |
| Toluene-d8            | 98         |           | 70-130              |
| 4-Bromofluorobenzene  | 96         |           | 70-130              |
| Dibromofluoromethane  | 105        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-15  
 Client ID: SRI-04\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 11:00  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/16/23 11:09  
 Analyst: JIC  
 Percent Solids: 90%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 4.7  | 2.2  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 0.94 | 0.14 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.4  | 0.13 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 0.94 | 0.22 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 0.94 | 0.12 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 0.94 | 0.13 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 0.94 | 0.25 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.47 | 0.18 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.47 | 0.12 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 3.8  | 0.66 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 0.94 | 0.24 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.47 | 0.16 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.47 | 0.10 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 0.94 | 0.26 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.47 | 0.15 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.47 | 0.15 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.47 | 0.15 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 3.8  | 0.23 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.47 | 0.16 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.47 | 0.16 | 1               |
| Toluene                                             | ND     |           | ug/kg | 0.94 | 0.51 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 0.94 | 0.13 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 3.8  | 0.88 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 1.9  | 0.55 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 0.94 | 0.32 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 1.9  | 0.43 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 0.94 | 0.22 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.4  | 0.13 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

## SAMPLE RESULTS

Lab ID: L2326867-15  
 Client ID: SRI-04\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 11:00  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.47 | 0.13 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 1.9  | 0.14 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 1.9  | 0.14 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 1.9  | 0.16 | 1               |
| Methyl tert butyl ether                             | 0.43   | J         | ug/kg | 1.9  | 0.19 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 1.9  | 0.53 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 0.94 | 0.27 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 0.94 | 0.27 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 0.94 | 0.16 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 0.94 | 0.13 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 1.9  | 0.22 | 1               |
| Styrene                                             | ND     |           | ug/kg | 0.94 | 0.18 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 9.4  | 0.86 | 1               |
| Acetone                                             | 5.8    | J         | ug/kg | 9.4  | 4.5  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 9.4  | 4.3  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 9.4  | 2.1  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 9.4  | 2.0  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 9.4  | 1.2  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 1.9  | 0.12 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 9.4  | 1.1  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 1.9  | 0.19 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 1.9  | 0.19 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 0.94 | 0.26 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 1.9  | 0.16 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.47 | 0.12 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 1.9  | 0.14 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 0.94 | 0.16 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 0.94 | 0.14 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 1.9  | 0.11 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 1.9  | 0.18 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 1.9  | 0.10 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 2.8  | 0.94 | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 3.8  | 0.16 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 0.94 | 0.10 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 0.94 | 0.10 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 3.8  | 0.61 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 3.8  | 1.1  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-15**Date Collected:** 05/15/23 11:00**Client ID:** SRI-04\_14-16**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 0.94 | 0.16 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 1.9  | 0.30 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 1.9  | 0.26 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 1.9  | 0.18 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 1.9  | 0.32 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 76   | 33.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 1.9  | 0.17 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 1.9  | 0.36 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 1.9  | 0.18 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 1.9  | 0.32 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 4.7  | 1.3  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 101        |           | 70-130              |
| Toluene-d8            | 95         |           | 70-130              |
| 4-Bromofluorobenzene  | 98         |           | 70-130              |
| Dibromofluoromethane  | 107        |           | 70-130              |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-16  
 Client ID: SRI-04\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 11:05  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/16/23 11:35  
 Analyst: JIC  
 Percent Solids: 91%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.0  | 2.3  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.5  | 0.14 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.0  | 0.23 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.0  | 0.12 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.0  | 0.27 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.50 | 0.20 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.50 | 0.13 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.0  | 0.69 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.26 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.50 | 0.17 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.50 | 0.11 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.0  | 0.27 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.50 | 0.16 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.50 | 0.16 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.50 | 0.16 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.0  | 0.24 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.50 | 0.16 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.50 | 0.16 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.0  | 0.54 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.0  | 0.93 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.0  | 0.58 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.0  | 0.33 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.0  | 0.45 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.0  | 0.24 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.5  | 0.14 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-16**Date Collected:** 05/15/23 11:05**Client ID:** SRI-04\_20-22**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.50 | 0.14 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.14 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.15 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.17 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.0  | 0.20 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.0  | 0.56 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.0  | 0.29 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.0  | 0.29 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.0  | 0.17 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.0  | 0.24 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.0  | 0.20 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 10   | 0.91 | 1               |
| Acetone                                             | 8.4    | J         | ug/kg | 10   | 4.8  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 10   | 4.5  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 10   | 2.2  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 10   | 2.1  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 10   | 1.3  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.0  | 0.13 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 10   | 1.2  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.0  | 0.20 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.0  | 0.20 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.0  | 0.17 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.50 | 0.13 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.0  | 0.14 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.0  | 0.17 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.0  | 0.12 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.0  | 0.19 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.0  | 0.11 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.0  | 1.0  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.0  | 0.17 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 4.0  | 0.65 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.0  | 1.1  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-16**Date Collected:** 05/15/23 11:05**Client ID:** SRI-04\_20-22**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.0 | 0.17 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.0 | 0.32 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.0 | 0.27 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.0 | 0.19 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.0 | 0.33 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 80  | 35.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.0 | 0.18 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.0 | 0.38 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.0 | 0.19 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.0 | 0.34 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.0 | 1.4  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 101        |           | 70-130              |
| Toluene-d8            | 94         |           | 70-130              |
| 4-Bromofluorobenzene  | 97         |           | 70-130              |
| Dibromofluoromethane  | 108        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-19  
 Client ID: TRIP BLANK  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 00:00  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 05/16/23 08:44  
 Analyst: MJV

| Parameter                                    | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|----------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,1-Dichloroethane                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Chloroform                                   | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Carbon tetrachloride                         | ND     |           | ug/l  | 0.50 | 0.13 | 1               |
| 1,2-Dichloropropane                          | ND     |           | ug/l  | 1.0  | 0.14 | 1               |
| Dibromochloromethane                         | ND     |           | ug/l  | 0.50 | 0.15 | 1               |
| 1,1,2-Trichloroethane                        | ND     |           | ug/l  | 1.5  | 0.50 | 1               |
| Tetrachloroethene                            | ND     |           | ug/l  | 0.50 | 0.18 | 1               |
| Chlorobenzene                                | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Trichlorofluoromethane                       | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dichloroethane                           | ND     |           | ug/l  | 0.50 | 0.13 | 1               |
| 1,1,1-Trichloroethane                        | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromodichloromethane                         | ND     |           | ug/l  | 0.50 | 0.19 | 1               |
| trans-1,3-Dichloropropene                    | ND     |           | ug/l  | 0.50 | 0.16 | 1               |
| cis-1,3-Dichloropropene                      | ND     |           | ug/l  | 0.50 | 0.14 | 1               |
| 1,3-Dichloropropene, Total                   | ND     |           | ug/l  | 0.50 | 0.14 | 1               |
| 1,1-Dichloropropene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromoform                                    | ND     |           | ug/l  | 2.0  | 0.65 | 1               |
| 1,1,2,2-Tetrachloroethane                    | ND     |           | ug/l  | 0.50 | 0.17 | 1               |
| Benzene                                      | ND     |           | ug/l  | 0.50 | 0.16 | 1               |
| Toluene                                      | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Ethylbenzene                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Chloromethane                                | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromomethane                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Vinyl chloride                               | ND     |           | ug/l  | 1.0  | 0.07 | 1               |
| Chloroethane                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,1-Dichloroethene                           | ND     |           | ug/l  | 0.50 | 0.17 | 1               |
| trans-1,2-Dichloroethene                     | ND     |           | ug/l  | 2.5  | 0.70 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-19**Date Collected:** 05/15/23 00:00**Client ID:** TRIP BLANK**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                    | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|----------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                              | ND     |           | ug/l  | 0.50 | 0.18 | 1               |
| 1,2-Dichlorobenzene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,3-Dichlorobenzene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,4-Dichlorobenzene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Methyl tert butyl ether                      | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| p/m-Xylene                                   | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| o-Xylene                                     | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Xylenes, Total                               | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| cis-1,2-Dichloroethene                       | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dichloroethene, Total                    | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Dibromomethane                               | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 1,2,3-Trichloropropane                       | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Acrylonitrile                                | ND     |           | ug/l  | 5.0  | 1.5  | 1               |
| Styrene                                      | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Dichlorodifluoromethane                      | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| Acetone                                      | ND     |           | ug/l  | 5.0  | 1.5  | 1               |
| Carbon disulfide                             | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 2-Butanone                                   | ND     |           | ug/l  | 5.0  | 1.9  | 1               |
| Vinyl acetate                                | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 4-Methyl-2-pentanone                         | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 2-Hexanone                                   | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| Bromochloromethane                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 2,2-Dichloropropane                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dibromoethane                            | ND     |           | ug/l  | 2.0  | 0.65 | 1               |
| 1,3-Dichloropropane                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,1,1,2-Tetrachloroethane                    | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromobenzene                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| n-Butylbenzene                               | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| sec-Butylbenzene                             | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| tert-Butylbenzene                            | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| o-Chlorotoluene                              | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| p-Chlorotoluene                              | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dibromo-3-chloropropane                  | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Hexachlorobutadiene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Isopropylbenzene                             | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| p-Isopropyltoluene                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Naphthalene                                  | ND     |           | ug/l  | 2.5  | 0.70 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-19**Date Collected:** 05/15/23 00:00**Client ID:** TRIP BLANK**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                    | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|----------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                              | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,2,3-Trichlorobenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,2,4-Trichlorobenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,3,5-Trimethylbenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,2,4-Trimethylbenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,4-Dioxane                                  | ND     |           | ug/l  | 250 | 61.  | 1               |
| p-Diethylbenzene                             | ND     |           | ug/l  | 2.0 | 0.70 | 1               |
| p-Ethyltoluene                               | ND     |           | ug/l  | 2.0 | 0.70 | 1               |
| 1,2,4,5-Tetramethylbenzene                   | ND     |           | ug/l  | 2.0 | 0.54 | 1               |
| Ethyl ether                                  | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| trans-1,4-Dichloro-2-butene                  | ND     |           | ug/l  | 2.5 | 0.70 | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 111        |           | 70-130              |
| Toluene-d8            | 93         |           | 70-130              |
| 4-Bromofluorobenzene  | 96         |           | 70-130              |
| Dibromofluoromethane  | 105        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-21  
 Client ID: FIELD BLANK  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:50  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 05/16/23 09:05

Analyst: MJV

| Parameter                                    | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|----------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,1-Dichloroethane                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Chloroform                                   | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Carbon tetrachloride                         | ND     |           | ug/l  | 0.50 | 0.13 | 1               |
| 1,2-Dichloropropane                          | ND     |           | ug/l  | 1.0  | 0.14 | 1               |
| Dibromochloromethane                         | ND     |           | ug/l  | 0.50 | 0.15 | 1               |
| 1,1,2-Trichloroethane                        | ND     |           | ug/l  | 1.5  | 0.50 | 1               |
| Tetrachloroethene                            | ND     |           | ug/l  | 0.50 | 0.18 | 1               |
| Chlorobenzene                                | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Trichlorofluoromethane                       | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dichloroethane                           | ND     |           | ug/l  | 0.50 | 0.13 | 1               |
| 1,1,1-Trichloroethane                        | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromodichloromethane                         | ND     |           | ug/l  | 0.50 | 0.19 | 1               |
| trans-1,3-Dichloropropene                    | ND     |           | ug/l  | 0.50 | 0.16 | 1               |
| cis-1,3-Dichloropropene                      | ND     |           | ug/l  | 0.50 | 0.14 | 1               |
| 1,3-Dichloropropene, Total                   | ND     |           | ug/l  | 0.50 | 0.14 | 1               |
| 1,1-Dichloropropene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromoform                                    | ND     |           | ug/l  | 2.0  | 0.65 | 1               |
| 1,1,2,2-Tetrachloroethane                    | ND     |           | ug/l  | 0.50 | 0.17 | 1               |
| Benzene                                      | ND     |           | ug/l  | 0.50 | 0.16 | 1               |
| Toluene                                      | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Ethylbenzene                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Chloromethane                                | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromomethane                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Vinyl chloride                               | ND     |           | ug/l  | 1.0  | 0.07 | 1               |
| Chloroethane                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,1-Dichloroethene                           | ND     |           | ug/l  | 0.50 | 0.17 | 1               |
| trans-1,2-Dichloroethene                     | ND     |           | ug/l  | 2.5  | 0.70 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

## SAMPLE RESULTS

Lab ID: L2326867-21  
 Client ID: FIELD BLANK  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:50  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                    | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|----------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                              | ND     |           | ug/l  | 0.50 | 0.18 | 1               |
| 1,2-Dichlorobenzene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,3-Dichlorobenzene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,4-Dichlorobenzene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Methyl tert butyl ether                      | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| p/m-Xylene                                   | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| o-Xylene                                     | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Xylenes, Total                               | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| cis-1,2-Dichloroethene                       | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dichloroethene, Total                    | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Dibromomethane                               | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 1,2,3-Trichloropropane                       | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Acrylonitrile                                | ND     |           | ug/l  | 5.0  | 1.5  | 1               |
| Styrene                                      | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Dichlorodifluoromethane                      | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| Acetone                                      | 2.0    | J         | ug/l  | 5.0  | 1.5  | 1               |
| Carbon disulfide                             | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 2-Butanone                                   | ND     |           | ug/l  | 5.0  | 1.9  | 1               |
| Vinyl acetate                                | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 4-Methyl-2-pentanone                         | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 2-Hexanone                                   | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| Bromochloromethane                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 2,2-Dichloropropane                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dibromoethane                            | ND     |           | ug/l  | 2.0  | 0.65 | 1               |
| 1,3-Dichloropropane                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,1,1,2-Tetrachloroethane                    | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromobenzene                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| n-Butylbenzene                               | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| sec-Butylbenzene                             | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| tert-Butylbenzene                            | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| o-Chlorotoluene                              | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| p-Chlorotoluene                              | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dibromo-3-chloropropane                  | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Hexachlorobutadiene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Isopropylbenzene                             | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| p-Isopropyltoluene                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Naphthalene                                  | ND     |           | ug/l  | 2.5  | 0.70 | 1               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-21**Date Collected:** 05/15/23 15:50**Client ID:** FIELD BLANK**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                    | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|----------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                              | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,2,3-Trichlorobenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,2,4-Trichlorobenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,3,5-Trimethylbenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,2,4-Trimethylbenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,4-Dioxane                                  | ND     |           | ug/l  | 250 | 61.  | 1               |
| p-Diethylbenzene                             | ND     |           | ug/l  | 2.0 | 0.70 | 1               |
| p-Ethyltoluene                               | ND     |           | ug/l  | 2.0 | 0.70 | 1               |
| 1,2,4,5-Tetramethylbenzene                   | ND     |           | ug/l  | 2.0 | 0.54 | 1               |
| Ethyl ether                                  | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| trans-1,4-Dichloro-2-butene                  | ND     |           | ug/l  | 2.5 | 0.70 | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 111        |           | 70-130              |
| Toluene-d8            | 98         |           | 70-130              |
| 4-Bromofluorobenzene  | 99         |           | 70-130              |
| Dibromofluoromethane  | 105        |           | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 05/16/23 08:00  
Analyst: MJV

| Parameter                                                                            | Result | Qualifier | Units | RL   | MDL  |
|--------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 19,21 Batch: WG1779491-5 |        |           |       |      |      |
| Methylene chloride                                                                   | ND     |           | ug/l  | 2.5  | 0.70 |
| 1,1-Dichloroethane                                                                   | ND     |           | ug/l  | 2.5  | 0.70 |
| Chloroform                                                                           | ND     |           | ug/l  | 2.5  | 0.70 |
| Carbon tetrachloride                                                                 | ND     |           | ug/l  | 0.50 | 0.13 |
| 1,2-Dichloropropane                                                                  | ND     |           | ug/l  | 1.0  | 0.14 |
| Dibromochloromethane                                                                 | ND     |           | ug/l  | 0.50 | 0.15 |
| 1,1,2-Trichloroethane                                                                | ND     |           | ug/l  | 1.5  | 0.50 |
| Tetrachloroethene                                                                    | ND     |           | ug/l  | 0.50 | 0.18 |
| Chlorobenzene                                                                        | ND     |           | ug/l  | 2.5  | 0.70 |
| Trichlorofluoromethane                                                               | ND     |           | ug/l  | 2.5  | 0.70 |
| 1,2-Dichloroethane                                                                   | ND     |           | ug/l  | 0.50 | 0.13 |
| 1,1,1-Trichloroethane                                                                | ND     |           | ug/l  | 2.5  | 0.70 |
| Bromodichloromethane                                                                 | ND     |           | ug/l  | 0.50 | 0.19 |
| trans-1,3-Dichloropropene                                                            | ND     |           | ug/l  | 0.50 | 0.16 |
| cis-1,3-Dichloropropene                                                              | ND     |           | ug/l  | 0.50 | 0.14 |
| 1,3-Dichloropropene, Total                                                           | ND     |           | ug/l  | 0.50 | 0.14 |
| 1,1-Dichloropropene                                                                  | ND     |           | ug/l  | 2.5  | 0.70 |
| Bromoform                                                                            | ND     |           | ug/l  | 2.0  | 0.65 |
| 1,1,2,2-Tetrachloroethane                                                            | ND     |           | ug/l  | 0.50 | 0.17 |
| Benzene                                                                              | ND     |           | ug/l  | 0.50 | 0.16 |
| Toluene                                                                              | ND     |           | ug/l  | 2.5  | 0.70 |
| Ethylbenzene                                                                         | ND     |           | ug/l  | 2.5  | 0.70 |
| Chloromethane                                                                        | ND     |           | ug/l  | 2.5  | 0.70 |
| Bromomethane                                                                         | ND     |           | ug/l  | 2.5  | 0.70 |
| Vinyl chloride                                                                       | ND     |           | ug/l  | 1.0  | 0.07 |
| Chloroethane                                                                         | ND     |           | ug/l  | 2.5  | 0.70 |
| 1,1-Dichloroethene                                                                   | ND     |           | ug/l  | 0.50 | 0.17 |
| trans-1,2-Dichloroethene                                                             | ND     |           | ug/l  | 2.5  | 0.70 |
| Trichloroethene                                                                      | ND     |           | ug/l  | 0.50 | 0.18 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/16/23 08:00  
**Analyst:** MJV

| Parameter                                                                            | Result | Qualifier | Units | RL  | MDL  |
|--------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 19,21 Batch: WG1779491-5 |        |           |       |     |      |
| 1,2-Dichlorobenzene                                                                  | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,3-Dichlorobenzene                                                                  | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,4-Dichlorobenzene                                                                  | ND     |           | ug/l  | 2.5 | 0.70 |
| Methyl tert butyl ether                                                              | ND     |           | ug/l  | 2.5 | 0.70 |
| p/m-Xylene                                                                           | ND     |           | ug/l  | 2.5 | 0.70 |
| o-Xylene                                                                             | ND     |           | ug/l  | 2.5 | 0.70 |
| Xylenes, Total                                                                       | ND     |           | ug/l  | 2.5 | 0.70 |
| cis-1,2-Dichloroethene                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2-Dichloroethene, Total                                                            | ND     |           | ug/l  | 2.5 | 0.70 |
| Dibromomethane                                                                       | ND     |           | ug/l  | 5.0 | 1.0  |
| 1,2,3-Trichloropropane                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| Acrylonitrile                                                                        | ND     |           | ug/l  | 5.0 | 1.5  |
| Styrene                                                                              | ND     |           | ug/l  | 2.5 | 0.70 |
| Dichlorodifluoromethane                                                              | ND     |           | ug/l  | 5.0 | 1.0  |
| Acetone                                                                              | ND     |           | ug/l  | 5.0 | 1.5  |
| Carbon disulfide                                                                     | ND     |           | ug/l  | 5.0 | 1.0  |
| 2-Butanone                                                                           | ND     |           | ug/l  | 5.0 | 1.9  |
| Vinyl acetate                                                                        | ND     |           | ug/l  | 5.0 | 1.0  |
| 4-Methyl-2-pentanone                                                                 | ND     |           | ug/l  | 5.0 | 1.0  |
| 2-Hexanone                                                                           | ND     |           | ug/l  | 5.0 | 1.0  |
| Bromochloromethane                                                                   | ND     |           | ug/l  | 2.5 | 0.70 |
| 2,2-Dichloropropane                                                                  | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2-Dibromoethane                                                                    | ND     |           | ug/l  | 2.0 | 0.65 |
| 1,3-Dichloropropane                                                                  | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,1,1,2-Tetrachloroethane                                                            | ND     |           | ug/l  | 2.5 | 0.70 |
| Bromobenzene                                                                         | ND     |           | ug/l  | 2.5 | 0.70 |
| n-Butylbenzene                                                                       | ND     |           | ug/l  | 2.5 | 0.70 |
| sec-Butylbenzene                                                                     | ND     |           | ug/l  | 2.5 | 0.70 |
| tert-Butylbenzene                                                                    | ND     |           | ug/l  | 2.5 | 0.70 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/16/23 08:00  
**Analyst:** MJV

| Parameter                                                                            | Result | Qualifier | Units | RL  | MDL  |
|--------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 19,21 Batch: WG1779491-5 |        |           |       |     |      |
| o-Chlorotoluene                                                                      | ND     |           | ug/l  | 2.5 | 0.70 |
| p-Chlorotoluene                                                                      | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2-Dibromo-3-chloropropane                                                          | ND     |           | ug/l  | 2.5 | 0.70 |
| Hexachlorobutadiene                                                                  | ND     |           | ug/l  | 2.5 | 0.70 |
| Isopropylbenzene                                                                     | ND     |           | ug/l  | 2.5 | 0.70 |
| p-Isopropyltoluene                                                                   | ND     |           | ug/l  | 2.5 | 0.70 |
| Naphthalene                                                                          | ND     |           | ug/l  | 2.5 | 0.70 |
| n-Propylbenzene                                                                      | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2,3-Trichlorobenzene                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2,4-Trichlorobenzene                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,3,5-Trimethylbenzene                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2,4-Trimethylbenzene                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,4-Dioxane                                                                          | ND     |           | ug/l  | 250 | 61.  |
| p-Diethylbenzene                                                                     | ND     |           | ug/l  | 2.0 | 0.70 |
| p-Ethyltoluene                                                                       | ND     |           | ug/l  | 2.0 | 0.70 |
| 1,2,4,5-Tetramethylbenzene                                                           | ND     |           | ug/l  | 2.0 | 0.54 |
| Ethyl ether                                                                          | ND     |           | ug/l  | 2.5 | 0.70 |
| trans-1,4-Dichloro-2-butene                                                          | ND     |           | ug/l  | 2.5 | 0.70 |

| Surrogate             | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 114       |           | 70-130              |
| Toluene-d8            | 95        |           | 70-130              |
| 4-Bromofluorobenzene  | 99        |           | 70-130              |
| Dibromofluoromethane  | 112       |           | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/16/23 08:54  
**Analyst:** AJK

| Parameter                                                                                      | Result | Qualifier | Units | RL   | MDL  |
|------------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 12,15-16 Batch: WG1779502-5 |        |           |       |      |      |
| Methylene chloride                                                                             | ND     |           | ug/kg | 5.0  | 2.3  |
| 1,1-Dichloroethane                                                                             | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloroform                                                                                     | ND     |           | ug/kg | 1.5  | 0.14 |
| Carbon tetrachloride                                                                           | ND     |           | ug/kg | 1.0  | 0.23 |
| 1,2-Dichloropropane                                                                            | ND     |           | ug/kg | 1.0  | 0.12 |
| Dibromochloromethane                                                                           | ND     |           | ug/kg | 1.0  | 0.14 |
| 1,1,2-Trichloroethane                                                                          | ND     |           | ug/kg | 1.0  | 0.27 |
| Tetrachloroethene                                                                              | ND     |           | ug/kg | 0.50 | 0.20 |
| Chlorobenzene                                                                                  | ND     |           | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane                                                                         | ND     |           | ug/kg | 4.0  | 0.70 |
| 1,2-Dichloroethane                                                                             | ND     |           | ug/kg | 1.0  | 0.26 |
| 1,1,1-Trichloroethane                                                                          | ND     |           | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane                                                                           | ND     |           | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene                                                                      | ND     |           | ug/kg | 1.0  | 0.27 |
| cis-1,3-Dichloropropene                                                                        | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,3-Dichloropropene, Total                                                                     | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,1-Dichloropropene                                                                            | ND     |           | ug/kg | 0.50 | 0.16 |
| Bromoform                                                                                      | ND     |           | ug/kg | 4.0  | 0.25 |
| 1,1,2,2-Tetrachloroethane                                                                      | ND     |           | ug/kg | 0.50 | 0.17 |
| Benzene                                                                                        | ND     |           | ug/kg | 0.50 | 0.17 |
| Toluene                                                                                        | ND     |           | ug/kg | 1.0  | 0.54 |
| Ethylbenzene                                                                                   | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloromethane                                                                                  | ND     |           | ug/kg | 4.0  | 0.93 |
| Bromomethane                                                                                   | ND     |           | ug/kg | 2.0  | 0.58 |
| Vinyl chloride                                                                                 | ND     |           | ug/kg | 1.0  | 0.34 |
| Chloroethane                                                                                   | ND     |           | ug/kg | 2.0  | 0.45 |
| 1,1-Dichloroethene                                                                             | ND     |           | ug/kg | 1.0  | 0.24 |
| trans-1,2-Dichloroethene                                                                       | ND     |           | ug/kg | 1.5  | 0.14 |
| Trichloroethene                                                                                | ND     |           | ug/kg | 0.50 | 0.14 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
Analytical Date: 05/16/23 08:54  
Analyst: AJK

| Parameter                                                                                      | Result | Qualifier | Units | RL   | MDL  |
|------------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 12,15-16 Batch: WG1779502-5 |        |           |       |      |      |
| 1,2-Dichlorobenzene                                                                            | ND     |           | ug/kg | 2.0  | 0.14 |
| 1,3-Dichlorobenzene                                                                            | ND     |           | ug/kg | 2.0  | 0.15 |
| 1,4-Dichlorobenzene                                                                            | ND     |           | ug/kg | 2.0  | 0.17 |
| Methyl tert butyl ether                                                                        | ND     |           | ug/kg | 2.0  | 0.20 |
| p/m-Xylene                                                                                     | ND     |           | ug/kg | 2.0  | 0.56 |
| o-Xylene                                                                                       | ND     |           | ug/kg | 1.0  | 0.29 |
| Xylenes, Total                                                                                 | ND     |           | ug/kg | 1.0  | 0.29 |
| cis-1,2-Dichloroethene                                                                         | ND     |           | ug/kg | 1.0  | 0.18 |
| 1,2-Dichloroethene, Total                                                                      | ND     |           | ug/kg | 1.0  | 0.14 |
| Dibromomethane                                                                                 | ND     |           | ug/kg | 2.0  | 0.24 |
| Styrene                                                                                        | ND     |           | ug/kg | 1.0  | 0.20 |
| Dichlorodifluoromethane                                                                        | ND     |           | ug/kg | 10   | 0.92 |
| Acetone                                                                                        | ND     |           | ug/kg | 10   | 4.8  |
| Carbon disulfide                                                                               | ND     |           | ug/kg | 10   | 4.6  |
| 2-Butanone                                                                                     | ND     |           | ug/kg | 10   | 2.2  |
| Vinyl acetate                                                                                  | ND     |           | ug/kg | 10   | 2.2  |
| 4-Methyl-2-pentanone                                                                           | ND     |           | ug/kg | 10   | 1.3  |
| 1,2,3-Trichloropropane                                                                         | ND     |           | ug/kg | 2.0  | 0.13 |
| 2-Hexanone                                                                                     | ND     |           | ug/kg | 10   | 1.2  |
| Bromochloromethane                                                                             | ND     |           | ug/kg | 2.0  | 0.20 |
| 2,2-Dichloropropane                                                                            | ND     |           | ug/kg | 2.0  | 0.20 |
| 1,2-Dibromoethane                                                                              | ND     |           | ug/kg | 1.0  | 0.28 |
| 1,3-Dichloropropane                                                                            | ND     |           | ug/kg | 2.0  | 0.17 |
| 1,1,1,2-Tetrachloroethane                                                                      | ND     |           | ug/kg | 0.50 | 0.13 |
| Bromobenzene                                                                                   | ND     |           | ug/kg | 2.0  | 0.14 |
| n-Butylbenzene                                                                                 | ND     |           | ug/kg | 1.0  | 0.17 |
| sec-Butylbenzene                                                                               | ND     |           | ug/kg | 1.0  | 0.15 |
| tert-Butylbenzene                                                                              | ND     |           | ug/kg | 2.0  | 0.12 |
| o-Chlorotoluene                                                                                | ND     |           | ug/kg | 2.0  | 0.19 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/16/23 08:54  
**Analyst:** AJK

| Parameter                                                                                      | Result | Qualifier | Units | RL  | MDL  |
|------------------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 12,15-16 Batch: WG1779502-5 |        |           |       |     |      |
| p-Chlorotoluene                                                                                | ND     |           | ug/kg | 2.0 | 0.11 |
| 1,2-Dibromo-3-chloropropane                                                                    | ND     |           | ug/kg | 3.0 | 1.0  |
| Hexachlorobutadiene                                                                            | ND     |           | ug/kg | 4.0 | 0.17 |
| Isopropylbenzene                                                                               | ND     |           | ug/kg | 1.0 | 0.11 |
| p-Isopropyltoluene                                                                             | ND     |           | ug/kg | 1.0 | 0.11 |
| Naphthalene                                                                                    | ND     |           | ug/kg | 4.0 | 0.65 |
| Acrylonitrile                                                                                  | ND     |           | ug/kg | 4.0 | 1.2  |
| n-Propylbenzene                                                                                | ND     |           | ug/kg | 1.0 | 0.17 |
| 1,2,3-Trichlorobenzene                                                                         | ND     |           | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene                                                                         | ND     |           | ug/kg | 2.0 | 0.27 |
| 1,3,5-Trimethylbenzene                                                                         | ND     |           | ug/kg | 2.0 | 0.19 |
| 1,2,4-Trimethylbenzene                                                                         | ND     |           | ug/kg | 2.0 | 0.33 |
| 1,4-Dioxane                                                                                    | ND     |           | ug/kg | 80  | 35.  |
| p-Diethylbenzene                                                                               | ND     |           | ug/kg | 2.0 | 0.18 |
| p-Ethyltoluene                                                                                 | ND     |           | ug/kg | 2.0 | 0.38 |
| 1,2,4,5-Tetramethylbenzene                                                                     | ND     |           | ug/kg | 2.0 | 0.19 |
| Ethyl ether                                                                                    | ND     |           | ug/kg | 2.0 | 0.34 |
| trans-1,4-Dichloro-2-butene                                                                    | ND     |           | ug/kg | 5.0 | 1.4  |

| Surrogate             | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 99        |           | 70-130              |
| Toluene-d8            | 96        |           | 70-130              |
| 4-Bromofluorobenzene  | 97        |           | 70-130              |
| Dibromofluoromethane  | 101       |           | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
 Analytical Date: 05/20/23 15:25  
 Analyst: KJD

| Parameter                                                                                   | Result | Qualifier | Units | RL   | MDL  |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05-06 Batch: WG1781739-5 |        |           |       |      |      |
| Methylene chloride                                                                          | ND     |           | ug/kg | 5.0  | 2.3  |
| 1,1-Dichloroethane                                                                          | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloroform                                                                                  | ND     |           | ug/kg | 1.5  | 0.14 |
| Carbon tetrachloride                                                                        | ND     |           | ug/kg | 1.0  | 0.23 |
| 1,2-Dichloropropane                                                                         | ND     |           | ug/kg | 1.0  | 0.12 |
| Dibromochloromethane                                                                        | ND     |           | ug/kg | 1.0  | 0.14 |
| 1,1,2-Trichloroethane                                                                       | ND     |           | ug/kg | 1.0  | 0.27 |
| Tetrachloroethene                                                                           | ND     |           | ug/kg | 0.50 | 0.20 |
| Chlorobenzene                                                                               | ND     |           | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane                                                                      | ND     |           | ug/kg | 4.0  | 0.70 |
| 1,2-Dichloroethane                                                                          | ND     |           | ug/kg | 1.0  | 0.26 |
| 1,1,1-Trichloroethane                                                                       | ND     |           | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane                                                                        | ND     |           | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene                                                                   | ND     |           | ug/kg | 1.0  | 0.27 |
| cis-1,3-Dichloropropene                                                                     | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,3-Dichloropropene, Total                                                                  | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,1-Dichloropropene                                                                         | ND     |           | ug/kg | 0.50 | 0.16 |
| Bromoform                                                                                   | ND     |           | ug/kg | 4.0  | 0.25 |
| 1,1,2,2-Tetrachloroethane                                                                   | ND     |           | ug/kg | 0.50 | 0.17 |
| Benzene                                                                                     | ND     |           | ug/kg | 0.50 | 0.17 |
| Toluene                                                                                     | ND     |           | ug/kg | 1.0  | 0.54 |
| Ethylbenzene                                                                                | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloromethane                                                                               | ND     |           | ug/kg | 4.0  | 0.93 |
| Bromomethane                                                                                | ND     |           | ug/kg | 2.0  | 0.58 |
| Vinyl chloride                                                                              | ND     |           | ug/kg | 1.0  | 0.34 |
| Chloroethane                                                                                | ND     |           | ug/kg | 2.0  | 0.45 |
| 1,1-Dichloroethene                                                                          | ND     |           | ug/kg | 1.0  | 0.24 |
| trans-1,2-Dichloroethene                                                                    | ND     |           | ug/kg | 1.5  | 0.14 |
| Trichloroethene                                                                             | ND     |           | ug/kg | 0.50 | 0.14 |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 05/20/23 15:25  
Analyst: KJD

| Parameter                                                                                   | Result | Qualifier | Units | RL   | MDL  |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05-06 Batch: WG1781739-5 |        |           |       |      |      |
| 1,2-Dichlorobenzene                                                                         | ND     |           | ug/kg | 2.0  | 0.14 |
| 1,3-Dichlorobenzene                                                                         | ND     |           | ug/kg | 2.0  | 0.15 |
| 1,4-Dichlorobenzene                                                                         | ND     |           | ug/kg | 2.0  | 0.17 |
| Methyl tert butyl ether                                                                     | ND     |           | ug/kg | 2.0  | 0.20 |
| p/m-Xylene                                                                                  | ND     |           | ug/kg | 2.0  | 0.56 |
| o-Xylene                                                                                    | ND     |           | ug/kg | 1.0  | 0.29 |
| Xylenes, Total                                                                              | ND     |           | ug/kg | 1.0  | 0.29 |
| cis-1,2-Dichloroethene                                                                      | ND     |           | ug/kg | 1.0  | 0.18 |
| 1,2-Dichloroethene, Total                                                                   | ND     |           | ug/kg | 1.0  | 0.14 |
| Dibromomethane                                                                              | ND     |           | ug/kg | 2.0  | 0.24 |
| Styrene                                                                                     | ND     |           | ug/kg | 1.0  | 0.20 |
| Dichlorodifluoromethane                                                                     | ND     |           | ug/kg | 10   | 0.92 |
| Acetone                                                                                     | ND     |           | ug/kg | 10   | 4.8  |
| Carbon disulfide                                                                            | ND     |           | ug/kg | 10   | 4.6  |
| 2-Butanone                                                                                  | ND     |           | ug/kg | 10   | 2.2  |
| Vinyl acetate                                                                               | ND     |           | ug/kg | 10   | 2.2  |
| 4-Methyl-2-pentanone                                                                        | ND     |           | ug/kg | 10   | 1.3  |
| 1,2,3-Trichloropropane                                                                      | ND     |           | ug/kg | 2.0  | 0.13 |
| 2-Hexanone                                                                                  | ND     |           | ug/kg | 10   | 1.2  |
| Bromochloromethane                                                                          | ND     |           | ug/kg | 2.0  | 0.20 |
| 2,2-Dichloropropane                                                                         | ND     |           | ug/kg | 2.0  | 0.20 |
| 1,2-Dibromoethane                                                                           | ND     |           | ug/kg | 1.0  | 0.28 |
| 1,3-Dichloropropane                                                                         | ND     |           | ug/kg | 2.0  | 0.17 |
| 1,1,1,2-Tetrachloroethane                                                                   | ND     |           | ug/kg | 0.50 | 0.13 |
| Bromobenzene                                                                                | ND     |           | ug/kg | 2.0  | 0.14 |
| n-Butylbenzene                                                                              | ND     |           | ug/kg | 1.0  | 0.17 |
| sec-Butylbenzene                                                                            | ND     |           | ug/kg | 1.0  | 0.15 |
| tert-Butylbenzene                                                                           | ND     |           | ug/kg | 2.0  | 0.12 |
| o-Chlorotoluene                                                                             | ND     |           | ug/kg | 2.0  | 0.19 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/20/23 15:25  
**Analyst:** KJD

| Parameter                                                                                   | Result | Qualifier | Units | RL  | MDL  |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 05-06 Batch: WG1781739-5 |        |           |       |     |      |
| p-Chlorotoluene                                                                             | ND     |           | ug/kg | 2.0 | 0.11 |
| 1,2-Dibromo-3-chloropropane                                                                 | ND     |           | ug/kg | 3.0 | 1.0  |
| Hexachlorobutadiene                                                                         | ND     |           | ug/kg | 4.0 | 0.17 |
| Isopropylbenzene                                                                            | ND     |           | ug/kg | 1.0 | 0.11 |
| p-Isopropyltoluene                                                                          | ND     |           | ug/kg | 1.0 | 0.11 |
| Naphthalene                                                                                 | ND     |           | ug/kg | 4.0 | 0.65 |
| Acrylonitrile                                                                               | ND     |           | ug/kg | 4.0 | 1.2  |
| n-Propylbenzene                                                                             | ND     |           | ug/kg | 1.0 | 0.17 |
| 1,2,3-Trichlorobenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.27 |
| 1,3,5-Trimethylbenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.19 |
| 1,2,4-Trimethylbenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.33 |
| 1,4-Dioxane                                                                                 | ND     |           | ug/kg | 80  | 35.  |
| p-Diethylbenzene                                                                            | ND     |           | ug/kg | 2.0 | 0.18 |
| p-Ethyltoluene                                                                              | ND     |           | ug/kg | 2.0 | 0.38 |
| 1,2,4,5-Tetramethylbenzene                                                                  | ND     |           | ug/kg | 2.0 | 0.19 |
| Ethyl ether                                                                                 | ND     |           | ug/kg | 2.0 | 0.34 |
| trans-1,4-Dichloro-2-butene                                                                 | ND     |           | ug/kg | 5.0 | 1.4  |

| Surrogate             | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 129       |           | 70-130              |
| Toluene-d8            | 106       |           | 70-130              |
| 4-Bromofluorobenzene  | 89        |           | 70-130              |
| Dibromofluoromethane  | 125       |           | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 05/21/23 20:49  
 Analyst: JIC

| Parameter                                                                                   | Result | Qualifier | Units | RL   | MDL  |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07-08 Batch: WG1781753-5 |        |           |       |      |      |
| Methylene chloride                                                                          | ND     |           | ug/kg | 5.0  | 2.3  |
| 1,1-Dichloroethane                                                                          | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloroform                                                                                  | ND     |           | ug/kg | 1.5  | 0.14 |
| Carbon tetrachloride                                                                        | ND     |           | ug/kg | 1.0  | 0.23 |
| 1,2-Dichloropropane                                                                         | ND     |           | ug/kg | 1.0  | 0.12 |
| Dibromochloromethane                                                                        | ND     |           | ug/kg | 1.0  | 0.14 |
| 1,1,2-Trichloroethane                                                                       | ND     |           | ug/kg | 1.0  | 0.27 |
| Tetrachloroethene                                                                           | ND     |           | ug/kg | 0.50 | 0.20 |
| Chlorobenzene                                                                               | ND     |           | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane                                                                      | ND     |           | ug/kg | 4.0  | 0.70 |
| 1,2-Dichloroethane                                                                          | ND     |           | ug/kg | 1.0  | 0.26 |
| 1,1,1-Trichloroethane                                                                       | ND     |           | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane                                                                        | ND     |           | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene                                                                   | ND     |           | ug/kg | 1.0  | 0.27 |
| cis-1,3-Dichloropropene                                                                     | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,3-Dichloropropene, Total                                                                  | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,1-Dichloropropene                                                                         | ND     |           | ug/kg | 0.50 | 0.16 |
| Bromoform                                                                                   | ND     |           | ug/kg | 4.0  | 0.25 |
| 1,1,2,2-Tetrachloroethane                                                                   | ND     |           | ug/kg | 0.50 | 0.17 |
| Benzene                                                                                     | ND     |           | ug/kg | 0.50 | 0.17 |
| Toluene                                                                                     | ND     |           | ug/kg | 1.0  | 0.54 |
| Ethylbenzene                                                                                | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloromethane                                                                               | ND     |           | ug/kg | 4.0  | 0.93 |
| Bromomethane                                                                                | 3.7    |           | ug/kg | 2.0  | 0.58 |
| Vinyl chloride                                                                              | ND     |           | ug/kg | 1.0  | 0.34 |
| Chloroethane                                                                                | ND     |           | ug/kg | 2.0  | 0.45 |
| 1,1-Dichloroethene                                                                          | ND     |           | ug/kg | 1.0  | 0.24 |
| trans-1,2-Dichloroethene                                                                    | ND     |           | ug/kg | 1.5  | 0.14 |
| Trichloroethene                                                                             | ND     |           | ug/kg | 0.50 | 0.14 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 05/21/23 20:49  
 Analyst: JIC

| Parameter                                                                                   | Result | Qualifier | Units | RL   | MDL  |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07-08 Batch: WG1781753-5 |        |           |       |      |      |
| 1,2-Dichlorobenzene                                                                         | ND     |           | ug/kg | 2.0  | 0.14 |
| 1,3-Dichlorobenzene                                                                         | ND     |           | ug/kg | 2.0  | 0.15 |
| 1,4-Dichlorobenzene                                                                         | ND     |           | ug/kg | 2.0  | 0.17 |
| Methyl tert butyl ether                                                                     | ND     |           | ug/kg | 2.0  | 0.20 |
| p/m-Xylene                                                                                  | ND     |           | ug/kg | 2.0  | 0.56 |
| o-Xylene                                                                                    | ND     |           | ug/kg | 1.0  | 0.29 |
| Xylenes, Total                                                                              | ND     |           | ug/kg | 1.0  | 0.29 |
| cis-1,2-Dichloroethene                                                                      | ND     |           | ug/kg | 1.0  | 0.18 |
| 1,2-Dichloroethene, Total                                                                   | ND     |           | ug/kg | 1.0  | 0.14 |
| Dibromomethane                                                                              | ND     |           | ug/kg | 2.0  | 0.24 |
| Styrene                                                                                     | ND     |           | ug/kg | 1.0  | 0.20 |
| Dichlorodifluoromethane                                                                     | ND     |           | ug/kg | 10   | 0.92 |
| Acetone                                                                                     | ND     |           | ug/kg | 10   | 4.8  |
| Carbon disulfide                                                                            | ND     |           | ug/kg | 10   | 4.6  |
| 2-Butanone                                                                                  | ND     |           | ug/kg | 10   | 2.2  |
| Vinyl acetate                                                                               | ND     |           | ug/kg | 10   | 2.2  |
| 4-Methyl-2-pentanone                                                                        | ND     |           | ug/kg | 10   | 1.3  |
| 1,2,3-Trichloropropane                                                                      | ND     |           | ug/kg | 2.0  | 0.13 |
| 2-Hexanone                                                                                  | ND     |           | ug/kg | 10   | 1.2  |
| Bromochloromethane                                                                          | ND     |           | ug/kg | 2.0  | 0.20 |
| 2,2-Dichloropropane                                                                         | ND     |           | ug/kg | 2.0  | 0.20 |
| 1,2-Dibromoethane                                                                           | ND     |           | ug/kg | 1.0  | 0.28 |
| 1,3-Dichloropropane                                                                         | ND     |           | ug/kg | 2.0  | 0.17 |
| 1,1,1,2-Tetrachloroethane                                                                   | ND     |           | ug/kg | 0.50 | 0.13 |
| Bromobenzene                                                                                | ND     |           | ug/kg | 2.0  | 0.14 |
| n-Butylbenzene                                                                              | ND     |           | ug/kg | 1.0  | 0.17 |
| sec-Butylbenzene                                                                            | ND     |           | ug/kg | 1.0  | 0.15 |
| tert-Butylbenzene                                                                           | ND     |           | ug/kg | 2.0  | 0.12 |
| o-Chlorotoluene                                                                             | ND     |           | ug/kg | 2.0  | 0.19 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/21/23 20:49  
**Analyst:** JIC

| Parameter                                                                                   | Result | Qualifier | Units | RL  | MDL  |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07-08 Batch: WG1781753-5 |        |           |       |     |      |
| p-Chlorotoluene                                                                             | ND     |           | ug/kg | 2.0 | 0.11 |
| 1,2-Dibromo-3-chloropropane                                                                 | ND     |           | ug/kg | 3.0 | 1.0  |
| Hexachlorobutadiene                                                                         | ND     |           | ug/kg | 4.0 | 0.17 |
| Isopropylbenzene                                                                            | ND     |           | ug/kg | 1.0 | 0.11 |
| p-Isopropyltoluene                                                                          | ND     |           | ug/kg | 1.0 | 0.11 |
| Naphthalene                                                                                 | ND     |           | ug/kg | 4.0 | 0.65 |
| Acrylonitrile                                                                               | ND     |           | ug/kg | 4.0 | 1.2  |
| n-Propylbenzene                                                                             | ND     |           | ug/kg | 1.0 | 0.17 |
| 1,2,3-Trichlorobenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.27 |
| 1,3,5-Trimethylbenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.19 |
| 1,2,4-Trimethylbenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.33 |
| 1,4-Dioxane                                                                                 | ND     |           | ug/kg | 80  | 35.  |
| p-Diethylbenzene                                                                            | ND     |           | ug/kg | 2.0 | 0.18 |
| p-Ethyltoluene                                                                              | ND     |           | ug/kg | 2.0 | 0.38 |
| 1,2,4,5-Tetramethylbenzene                                                                  | ND     |           | ug/kg | 2.0 | 0.19 |
| Ethyl ether                                                                                 | ND     |           | ug/kg | 2.0 | 0.34 |
| trans-1,4-Dichloro-2-butene                                                                 | ND     |           | ug/kg | 5.0 | 1.4  |

| Surrogate             | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 116       |           | 70-130              |
| Toluene-d8            | 97        |           | 70-130              |
| 4-Bromofluorobenzene  | 97        |           | 70-130              |
| Dibromofluoromethane  | 109       |           | 70-130              |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                               | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|---------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19,21 Batch: WG1779491-3 WG1779491-4 |                  |      |                   |      |                     |     |      |               |
| Methylene chloride                                                                                      | 99               |      | 97                |      | 70-130              | 2   |      | 20            |
| 1,1-Dichloroethane                                                                                      | 97               |      | 100               |      | 70-130              | 3   |      | 20            |
| Chloroform                                                                                              | 90               |      | 86                |      | 70-130              | 5   |      | 20            |
| Carbon tetrachloride                                                                                    | 98               |      | 100               |      | 63-132              | 2   |      | 20            |
| 1,2-Dichloropropane                                                                                     | 94               |      | 96                |      | 70-130              | 2   |      | 20            |
| Dibromochloromethane                                                                                    | 80               |      | 81                |      | 63-130              | 1   |      | 20            |
| 1,1,2-Trichloroethane                                                                                   | 93               |      | 93                |      | 70-130              | 0   |      | 20            |
| Tetrachloroethene                                                                                       | 92               |      | 91                |      | 70-130              | 1   |      | 20            |
| Chlorobenzene                                                                                           | 88               |      | 90                |      | 75-130              | 2   |      | 20            |
| Trichlorofluoromethane                                                                                  | 120              |      | 97                |      | 62-150              | 21  | Q    | 20            |
| 1,2-Dichloroethane                                                                                      | 91               |      | 99                |      | 70-130              | 8   |      | 20            |
| 1,1,1-Trichloroethane                                                                                   | 96               |      | 100               |      | 67-130              | 4   |      | 20            |
| Bromodichloromethane                                                                                    | 95               |      | 90                |      | 67-130              | 5   |      | 20            |
| trans-1,3-Dichloropropene                                                                               | 83               |      | 87                |      | 70-130              | 5   |      | 20            |
| cis-1,3-Dichloropropene                                                                                 | 87               |      | 90                |      | 70-130              | 3   |      | 20            |
| 1,1-Dichloropropene                                                                                     | 86               |      | 96                |      | 70-130              | 11  |      | 20            |
| Bromoform                                                                                               | 76               |      | 76                |      | 54-136              | 0   |      | 20            |
| 1,1,2,2-Tetrachloroethane                                                                               | 87               |      | 93                |      | 67-130              | 7   |      | 20            |
| Benzene                                                                                                 | 97               |      | 98                |      | 70-130              | 1   |      | 20            |
| Toluene                                                                                                 | 88               |      | 93                |      | 70-130              | 6   |      | 20            |
| Ethylbenzene                                                                                            | 90               |      | 89                |      | 70-130              | 1   |      | 20            |
| Chloromethane                                                                                           | 91               |      | 93                |      | 64-130              | 2   |      | 20            |
| Bromomethane                                                                                            | 81               |      | 79                |      | 39-139              | 3   |      | 20            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2326867

Report Date: 06/06/23

| Parameter                                                                                               | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|---------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19,21 Batch: WG1779491-3 WG1779491-4 |                  |      |                   |      |                     |     |      |               |
| Vinyl chloride                                                                                          | 110              |      | 100               |      | 55-140              | 10  |      | 20            |
| Chloroethane                                                                                            | 110              |      | 110               |      | 55-138              | 0   |      | 20            |
| 1,1-Dichloroethene                                                                                      | 85               |      | 94                |      | 61-145              | 10  |      | 20            |
| trans-1,2-Dichloroethene                                                                                | 95               |      | 86                |      | 70-130              | 10  |      | 20            |
| Trichloroethene                                                                                         | 93               |      | 90                |      | 70-130              | 3   |      | 20            |
| 1,2-Dichlorobenzene                                                                                     | 85               |      | 84                |      | 70-130              | 1   |      | 20            |
| 1,3-Dichlorobenzene                                                                                     | 89               |      | 86                |      | 70-130              | 3   |      | 20            |
| 1,4-Dichlorobenzene                                                                                     | 86               |      | 86                |      | 70-130              | 0   |      | 20            |
| Methyl tert butyl ether                                                                                 | 88               |      | 81                |      | 63-130              | 8   |      | 20            |
| p/m-Xylene                                                                                              | 90               |      | 90                |      | 70-130              | 0   |      | 20            |
| o-Xylene                                                                                                | 90               |      | 90                |      | 70-130              | 0   |      | 20            |
| cis-1,2-Dichloroethene                                                                                  | 91               |      | 81                |      | 70-130              | 12  |      | 20            |
| Dibromomethane                                                                                          | 89               |      | 93                |      | 70-130              | 4   |      | 20            |
| 1,2,3-Trichloropropane                                                                                  | 82               |      | 82                |      | 64-130              | 0   |      | 20            |
| Acrylonitrile                                                                                           | 72               |      | 96                |      | 70-130              | 29  | Q    | 20            |
| Styrene                                                                                                 | 90               |      | 90                |      | 70-130              | 0   |      | 20            |
| Dichlorodifluoromethane                                                                                 | 91               |      | 85                |      | 36-147              | 7   |      | 20            |
| Acetone                                                                                                 | 98               |      | 93                |      | 58-148              | 5   |      | 20            |
| Carbon disulfide                                                                                        | 100              |      | 96                |      | 51-130              | 4   |      | 20            |
| 2-Butanone                                                                                              | 78               |      | 81                |      | 63-138              | 4   |      | 20            |
| Vinyl acetate                                                                                           | 110              |      | 89                |      | 70-130              | 21  | Q    | 20            |
| 4-Methyl-2-pentanone                                                                                    | 81               |      | 80                |      | 59-130              | 1   |      | 20            |
| 2-Hexanone                                                                                              | 70               |      | 81                |      | 57-130              | 15  |      | 20            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                               | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|---------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19,21 Batch: WG1779491-3 WG1779491-4 |                  |      |                   |      |                     |     |      |               |
| Bromochloromethane                                                                                      | 100              |      | 95                |      | 70-130              | 5   |      | 20            |
| 2,2-Dichloropropane                                                                                     | 89               |      | 92                |      | 63-133              | 3   |      | 20            |
| 1,2-Dibromoethane                                                                                       | 88               |      | 90                |      | 70-130              | 2   |      | 20            |
| 1,3-Dichloropropane                                                                                     | 89               |      | 87                |      | 70-130              | 2   |      | 20            |
| 1,1,1,2-Tetrachloroethane                                                                               | 83               |      | 84                |      | 64-130              | 1   |      | 20            |
| Bromobenzene                                                                                            | 88               |      | 85                |      | 70-130              | 3   |      | 20            |
| n-Butylbenzene                                                                                          | 92               |      | 88                |      | 53-136              | 4   |      | 20            |
| sec-Butylbenzene                                                                                        | 90               |      | 89                |      | 70-130              | 1   |      | 20            |
| tert-Butylbenzene                                                                                       | 86               |      | 82                |      | 70-130              | 5   |      | 20            |
| o-Chlorotoluene                                                                                         | 89               |      | 85                |      | 70-130              | 5   |      | 20            |
| p-Chlorotoluene                                                                                         | 87               |      | 84                |      | 70-130              | 4   |      | 20            |
| 1,2-Dibromo-3-chloropropane                                                                             | 70               |      | 76                |      | 41-144              | 8   |      | 20            |
| Hexachlorobutadiene                                                                                     | 84               |      | 84                |      | 63-130              | 0   |      | 20            |
| Isopropylbenzene                                                                                        | 86               |      | 87                |      | 70-130              | 1   |      | 20            |
| p-Isopropyltoluene                                                                                      | 88               |      | 86                |      | 70-130              | 2   |      | 20            |
| Naphthalene                                                                                             | 78               |      | 81                |      | 70-130              | 4   |      | 20            |
| n-Propylbenzene                                                                                         | 91               |      | 89                |      | 69-130              | 2   |      | 20            |
| 1,2,3-Trichlorobenzene                                                                                  | 81               |      | 81                |      | 70-130              | 0   |      | 20            |
| 1,2,4-Trichlorobenzene                                                                                  | 88               |      | 84                |      | 70-130              | 5   |      | 20            |
| 1,3,5-Trimethylbenzene                                                                                  | 91               |      | 85                |      | 64-130              | 7   |      | 20            |
| 1,2,4-Trimethylbenzene                                                                                  | 86               |      | 86                |      | 70-130              | 0   |      | 20            |
| 1,4-Dioxane                                                                                             | 110              |      | 116               |      | 56-162              | 5   |      | 20            |
| p-Diethylbenzene                                                                                        | 81               |      | 83                |      | 70-130              | 2   |      | 20            |



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                               | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|---------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 19,21 Batch: WG1779491-3 WG1779491-4 |                  |      |                   |      |                     |     |      |               |
| p-Ethyltoluene                                                                                          | 93               |      | 86                |      | 70-130              | 8   |      | 20            |
| 1,2,4,5-Tetramethylbenzene                                                                              | 85               |      | 82                |      | 70-130              | 4   |      | 20            |
| Ethyl ether                                                                                             | 74               |      | 87                |      | 59-134              | 16  |      | 20            |
| trans-1,4-Dichloro-2-butene                                                                             | 81               |      | 86                |      | 70-130              | 6   |      | 20            |

| Surrogate             | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 110              |      | 104               |      | 70-130                 |
| Toluene-d8            | 94               |      | 99                |      | 70-130                 |
| 4-Bromofluorobenzene  | 97               |      | 99                |      | 70-130                 |
| Dibromofluoromethane  | 98               |      | 105               |      | 70-130                 |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                         | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 12,15-16 Batch: WG1779502-3 WG1779502-4 |                  |      |                   |      |                     |     |      |               |
| Methylene chloride                                                                                                | 95               |      | 97                |      | 70-130              | 2   |      | 30            |
| 1,1-Dichloroethane                                                                                                | 102              |      | 102               |      | 70-130              | 0   |      | 30            |
| Chloroform                                                                                                        | 102              |      | 101               |      | 70-130              | 1   |      | 30            |
| Carbon tetrachloride                                                                                              | 104              |      | 104               |      | 70-130              | 0   |      | 30            |
| 1,2-Dichloropropane                                                                                               | 98               |      | 100               |      | 70-130              | 2   |      | 30            |
| Dibromochloromethane                                                                                              | 90               |      | 95                |      | 70-130              | 5   |      | 30            |
| 1,1,2-Trichloroethane                                                                                             | 87               |      | 92                |      | 70-130              | 6   |      | 30            |
| Tetrachloroethene                                                                                                 | 103              |      | 104               |      | 70-130              | 1   |      | 30            |
| Chlorobenzene                                                                                                     | 97               |      | 97                |      | 70-130              | 0   |      | 30            |
| Trichlorofluoromethane                                                                                            | 101              |      | 101               |      | 70-139              | 0   |      | 30            |
| 1,2-Dichloroethane                                                                                                | 96               |      | 98                |      | 70-130              | 2   |      | 30            |
| 1,1,1-Trichloroethane                                                                                             | 108              |      | 108               |      | 70-130              | 0   |      | 30            |
| Bromodichloromethane                                                                                              | 98               |      | 100               |      | 70-130              | 2   |      | 30            |
| trans-1,3-Dichloropropene                                                                                         | 91               |      | 96                |      | 70-130              | 5   |      | 30            |
| cis-1,3-Dichloropropene                                                                                           | 102              |      | 104               |      | 70-130              | 2   |      | 30            |
| 1,1-Dichloropropene                                                                                               | 108              |      | 107               |      | 70-130              | 1   |      | 30            |
| Bromoform                                                                                                         | 89               |      | 91                |      | 70-130              | 2   |      | 30            |
| 1,1,2,2-Tetrachloroethane                                                                                         | 86               |      | 87                |      | 70-130              | 1   |      | 30            |
| Benzene                                                                                                           | 102              |      | 102               |      | 70-130              | 0   |      | 30            |
| Toluene                                                                                                           | 97               |      | 97                |      | 70-130              | 0   |      | 30            |
| Ethylbenzene                                                                                                      | 100              |      | 100               |      | 70-130              | 0   |      | 30            |
| Chloromethane                                                                                                     | 88               |      | 86                |      | 52-130              | 2   |      | 30            |
| Bromomethane                                                                                                      | 93               |      | 94                |      | 57-147              | 1   |      | 30            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                         | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 12,15-16 Batch: WG1779502-3 WG1779502-4 |                  |      |                   |      |                     |     |      |               |
| Vinyl chloride                                                                                                    | 88               |      | 87                |      | 67-130              | 1   |      | 30            |
| Chloroethane                                                                                                      | 93               |      | 91                |      | 50-151              | 2   |      | 30            |
| 1,1-Dichloroethene                                                                                                | 105              |      | 105               |      | 65-135              | 0   |      | 30            |
| trans-1,2-Dichloroethene                                                                                          | 105              |      | 106               |      | 70-130              | 1   |      | 30            |
| Trichloroethene                                                                                                   | 106              |      | 105               |      | 70-130              | 1   |      | 30            |
| 1,2-Dichlorobenzene                                                                                               | 95               |      | 96                |      | 70-130              | 1   |      | 30            |
| 1,3-Dichlorobenzene                                                                                               | 98               |      | 97                |      | 70-130              | 1   |      | 30            |
| 1,4-Dichlorobenzene                                                                                               | 95               |      | 95                |      | 70-130              | 0   |      | 30            |
| Methyl tert butyl ether                                                                                           | 94               |      | 97                |      | 66-130              | 3   |      | 30            |
| p/m-Xylene                                                                                                        | 99               |      | 100               |      | 70-130              | 1   |      | 30            |
| o-Xylene                                                                                                          | 98               |      | 99                |      | 70-130              | 1   |      | 30            |
| cis-1,2-Dichloroethene                                                                                            | 101              |      | 101               |      | 70-130              | 0   |      | 30            |
| Dibromomethane                                                                                                    | 94               |      | 98                |      | 70-130              | 4   |      | 30            |
| Styrene                                                                                                           | 98               |      | 99                |      | 70-130              | 1   |      | 30            |
| Dichlorodifluoromethane                                                                                           | 89               |      | 87                |      | 30-146              | 2   |      | 30            |
| Acetone                                                                                                           | 72               |      | 82                |      | 54-140              | 13  |      | 30            |
| Carbon disulfide                                                                                                  | 97               |      | 96                |      | 59-130              | 1   |      | 30            |
| 2-Butanone                                                                                                        | 73               |      | 72                |      | 70-130              | 1   |      | 30            |
| Vinyl acetate                                                                                                     | 78               |      | 83                |      | 70-130              | 6   |      | 30            |
| 4-Methyl-2-pentanone                                                                                              | 85               |      | 90                |      | 70-130              | 6   |      | 30            |
| 1,2,3-Trichloropropane                                                                                            | 86               |      | 87                |      | 68-130              | 1   |      | 30            |
| 2-Hexanone                                                                                                        | 76               |      | 78                |      | 70-130              | 3   |      | 30            |
| Bromochloromethane                                                                                                | 98               |      | 102               |      | 70-130              | 4   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

| Parameter                                                                                                         | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 12,15-16 Batch: WG1779502-3 WG1779502-4 |                  |      |                   |      |                     |     |      |               |
| 2,2-Dichloropropane                                                                                               | 106              |      | 104               |      | 70-130              | 2   |      | 30            |
| 1,2-Dibromoethane                                                                                                 | 95               |      | 99                |      | 70-130              | 4   |      | 30            |
| 1,3-Dichloropropane                                                                                               | 89               |      | 94                |      | 69-130              | 5   |      | 30            |
| 1,1,1,2-Tetrachloroethane                                                                                         | 96               |      | 97                |      | 70-130              | 1   |      | 30            |
| Bromobenzene                                                                                                      | 96               |      | 96                |      | 70-130              | 0   |      | 30            |
| n-Butylbenzene                                                                                                    | 100              |      | 98                |      | 70-130              | 2   |      | 30            |
| sec-Butylbenzene                                                                                                  | 100              |      | 99                |      | 70-130              | 1   |      | 30            |
| tert-Butylbenzene                                                                                                 | 101              |      | 100               |      | 70-130              | 1   |      | 30            |
| o-Chlorotoluene                                                                                                   | 98               |      | 96                |      | 70-130              | 2   |      | 30            |
| p-Chlorotoluene                                                                                                   | 97               |      | 97                |      | 70-130              | 0   |      | 30            |
| 1,2-Dibromo-3-chloropropane                                                                                       | 89               |      | 92                |      | 68-130              | 3   |      | 30            |
| Hexachlorobutadiene                                                                                               | 110              |      | 109               |      | 67-130              | 1   |      | 30            |
| Isopropylbenzene                                                                                                  | 100              |      | 99                |      | 70-130              | 1   |      | 30            |
| p-Isopropyltoluene                                                                                                | 102              |      | 101               |      | 70-130              | 1   |      | 30            |
| Naphthalene                                                                                                       | 93               |      | 96                |      | 70-130              | 3   |      | 30            |
| Acrylonitrile                                                                                                     | 81               |      | 84                |      | 70-130              | 4   |      | 30            |
| n-Propylbenzene                                                                                                   | 101              |      | 100               |      | 70-130              | 1   |      | 30            |
| 1,2,3-Trichlorobenzene                                                                                            | 99               |      | 102               |      | 70-130              | 3   |      | 30            |
| 1,2,4-Trichlorobenzene                                                                                            | 102              |      | 102               |      | 70-130              | 0   |      | 30            |
| 1,3,5-Trimethylbenzene                                                                                            | 97               |      | 95                |      | 70-130              | 2   |      | 30            |
| 1,2,4-Trimethylbenzene                                                                                            | 98               |      | 97                |      | 70-130              | 1   |      | 30            |
| 1,4-Dioxane                                                                                                       | 97               |      | 96                |      | 65-136              | 1   |      | 30            |
| p-Diethylbenzene                                                                                                  | 100              |      | 99                |      | 70-130              | 1   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                         | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 12,15-16 Batch: WG1779502-3 WG1779502-4 |                  |      |                   |      |                     |     |      |               |
| p-Ethyltoluene                                                                                                    | 100              |      | 97                |      | 70-130              | 3   |      | 30            |
| 1,2,4,5-Tetramethylbenzene                                                                                        | 100              |      | 99                |      | 70-130              | 1   |      | 30            |
| Ethyl ether                                                                                                       | 94               |      | 96                |      | 67-130              | 2   |      | 30            |
| trans-1,4-Dichloro-2-butene                                                                                       | 96               |      | 98                |      | 70-130              | 2   |      | 30            |

| Surrogate             | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 91               |      | 91                |      | 70-130                 |
| Toluene-d8            | 96               |      | 97                |      | 70-130                 |
| 4-Bromofluorobenzene  | 102              |      | 103               |      | 70-130                 |
| Dibromofluoromethane  | 98               |      | 98                |      | 70-130                 |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05-06 Batch: WG1781739-3 WG1781739-4 |                  |      |                   |      |                     |     |      |               |
| Methylene chloride                                                                                             | 112              |      | 114               |      | 70-130              | 2   |      | 30            |
| 1,1-Dichloroethane                                                                                             | 117              |      | 120               |      | 70-130              | 3   |      | 30            |
| Chloroform                                                                                                     | 117              |      | 125               |      | 70-130              | 7   |      | 30            |
| Carbon tetrachloride                                                                                           | 139              | Q    | 143               | Q    | 70-130              | 3   |      | 30            |
| 1,2-Dichloropropane                                                                                            | 118              |      | 121               |      | 70-130              | 3   |      | 30            |
| Dibromochloromethane                                                                                           | 104              |      | 111               |      | 70-130              | 7   |      | 30            |
| 1,1,2-Trichloroethane                                                                                          | 99               |      | 103               |      | 70-130              | 4   |      | 30            |
| Tetrachloroethene                                                                                              | 100              |      | 99                |      | 70-130              | 1   |      | 30            |
| Chlorobenzene                                                                                                  | 105              |      | 108               |      | 70-130              | 3   |      | 30            |
| Trichlorofluoromethane                                                                                         | 115              |      | 118               |      | 70-139              | 3   |      | 30            |
| 1,2-Dichloroethane                                                                                             | 118              |      | 123               |      | 70-130              | 4   |      | 30            |
| 1,1,1-Trichloroethane                                                                                          | 134              | Q    | 136               | Q    | 70-130              | 1   |      | 30            |
| Bromodichloromethane                                                                                           | 132              | Q    | 136               | Q    | 70-130              | 3   |      | 30            |
| trans-1,3-Dichloropropene                                                                                      | 102              |      | 107               |      | 70-130              | 5   |      | 30            |
| cis-1,3-Dichloropropene                                                                                        | 127              |      | 130               |      | 70-130              | 2   |      | 30            |
| 1,1-Dichloropropene                                                                                            | 111              |      | 112               |      | 70-130              | 1   |      | 30            |
| Bromoform                                                                                                      | 97               |      | 103               |      | 70-130              | 6   |      | 30            |
| 1,1,2,2-Tetrachloroethane                                                                                      | 74               |      | 77                |      | 70-130              | 4   |      | 30            |
| Benzene                                                                                                        | 123              |      | 125               |      | 70-130              | 2   |      | 30            |
| Toluene                                                                                                        | 97               |      | 99                |      | 70-130              | 2   |      | 30            |
| Ethylbenzene                                                                                                   | 100              |      | 102               |      | 70-130              | 2   |      | 30            |
| Chloromethane                                                                                                  | 123              |      | 122               |      | 52-130              | 1   |      | 30            |
| Bromomethane                                                                                                   | 110              |      | 116               |      | 57-147              | 5   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2326867

Report Date: 06/06/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05-06 Batch: WG1781739-3 WG1781739-4 |                  |      |                   |      |                     |     |      |               |
| Vinyl chloride                                                                                                 | 117              |      | 120               |      | 67-130              | 3   |      | 30            |
| Chloroethane                                                                                                   | 113              |      | 109               |      | 50-151              | 4   |      | 30            |
| 1,1-Dichloroethene                                                                                             | 122              |      | 126               |      | 65-135              | 3   |      | 30            |
| trans-1,2-Dichloroethene                                                                                       | 117              |      | 120               |      | 70-130              | 3   |      | 30            |
| Trichloroethene                                                                                                | 121              |      | 126               |      | 70-130              | 4   |      | 30            |
| 1,2-Dichlorobenzene                                                                                            | 97               |      | 100               |      | 70-130              | 3   |      | 30            |
| 1,3-Dichlorobenzene                                                                                            | 98               |      | 100               |      | 70-130              | 2   |      | 30            |
| 1,4-Dichlorobenzene                                                                                            | 98               |      | 100               |      | 70-130              | 2   |      | 30            |
| Methyl tert butyl ether                                                                                        | 116              |      | 121               |      | 66-130              | 4   |      | 30            |
| p/m-Xylene                                                                                                     | 108              |      | 109               |      | 70-130              | 1   |      | 30            |
| o-Xylene                                                                                                       | 106              |      | 108               |      | 70-130              | 2   |      | 30            |
| cis-1,2-Dichloroethene                                                                                         | 117              |      | 117               |      | 70-130              | 0   |      | 30            |
| Dibromomethane                                                                                                 | 119              |      | 121               |      | 70-130              | 2   |      | 30            |
| Styrene                                                                                                        | 105              |      | 107               |      | 70-130              | 2   |      | 30            |
| Dichlorodifluoromethane                                                                                        | 96               |      | 98                |      | 30-146              | 2   |      | 30            |
| Acetone                                                                                                        | 123              |      | 142               | Q    | 54-140              | 14  |      | 30            |
| Carbon disulfide                                                                                               | 124              |      | 125               |      | 59-130              | 1   |      | 30            |
| 2-Butanone                                                                                                     | 106              |      | 114               |      | 70-130              | 7   |      | 30            |
| Vinyl acetate                                                                                                  | 101              |      | 97                |      | 70-130              | 4   |      | 30            |
| 4-Methyl-2-pentanone                                                                                           | 89               |      | 94                |      | 70-130              | 5   |      | 30            |
| 1,2,3-Trichloropropane                                                                                         | 84               |      | 89                |      | 68-130              | 6   |      | 30            |
| 2-Hexanone                                                                                                     | 88               |      | 94                |      | 70-130              | 7   |      | 30            |
| Bromochloromethane                                                                                             | 127              |      | 128               |      | 70-130              | 1   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05-06 Batch: WG1781739-3 WG1781739-4 |                  |      |                   |      |                     |     |      |               |
| 2,2-Dichloropropane                                                                                            | 121              |      | 124               |      | 70-130              | 2   |      | 30            |
| 1,2-Dibromoethane                                                                                              | 91               |      | 95                |      | 70-130              | 4   |      | 30            |
| 1,3-Dichloropropane                                                                                            | 95               |      | 100               |      | 69-130              | 5   |      | 30            |
| 1,1,1,2-Tetrachloroethane                                                                                      | 108              |      | 111               |      | 70-130              | 3   |      | 30            |
| Bromobenzene                                                                                                   | 94               |      | 97                |      | 70-130              | 3   |      | 30            |
| n-Butylbenzene                                                                                                 | 98               |      | 101               |      | 70-130              | 3   |      | 30            |
| sec-Butylbenzene                                                                                               | 94               |      | 97                |      | 70-130              | 3   |      | 30            |
| tert-Butylbenzene                                                                                              | 95               |      | 97                |      | 70-130              | 2   |      | 30            |
| o-Chlorotoluene                                                                                                | 95               |      | 96                |      | 70-130              | 1   |      | 30            |
| p-Chlorotoluene                                                                                                | 92               |      | 96                |      | 70-130              | 4   |      | 30            |
| 1,2-Dibromo-3-chloropropane                                                                                    | 94               |      | 102               |      | 68-130              | 8   |      | 30            |
| Hexachlorobutadiene                                                                                            | 106              |      | 88                |      | 67-130              | 19  |      | 30            |
| Isopropylbenzene                                                                                               | 91               |      | 94                |      | 70-130              | 3   |      | 30            |
| p-Isopropyltoluene                                                                                             | 99               |      | 102               |      | 70-130              | 3   |      | 30            |
| Naphthalene                                                                                                    | 91               |      | 79                |      | 70-130              | 14  |      | 30            |
| Acrylonitrile                                                                                                  | 116              |      | 119               |      | 70-130              | 3   |      | 30            |
| n-Propylbenzene                                                                                                | 93               |      | 96                |      | 70-130              | 3   |      | 30            |
| 1,2,3-Trichlorobenzene                                                                                         | 97               |      | 82                |      | 70-130              | 17  |      | 30            |
| 1,2,4-Trichlorobenzene                                                                                         | 101              |      | 82                |      | 70-130              | 21  |      | 30            |
| 1,3,5-Trimethylbenzene                                                                                         | 100              |      | 102               |      | 70-130              | 2   |      | 30            |
| 1,2,4-Trimethylbenzene                                                                                         | 98               |      | 101               |      | 70-130              | 3   |      | 30            |
| 1,4-Dioxane                                                                                                    | 99               |      | 108               |      | 65-136              | 9   |      | 30            |
| p-Diethylbenzene                                                                                               | 103              |      | 104               |      | 70-130              | 1   |      | 30            |



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 05-06 Batch: WG1781739-3 WG1781739-4 |                  |      |                   |      |                     |     |      |               |
| p-Ethyltoluene                                                                                                 | 96               |      | 99                |      | 70-130              | 3   |      | 30            |
| 1,2,4,5-Tetramethylbenzene                                                                                     | 88               |      | 90                |      | 70-130              | 2   |      | 30            |
| Ethyl ether                                                                                                    | 116              |      | 113               |      | 67-130              | 3   |      | 30            |
| trans-1,4-Dichloro-2-butene                                                                                    | 88               |      | 97                |      | 70-130              | 10  |      | 30            |

| Surrogate             | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 104              |      | 105               |      | 70-130                 |
| Toluene-d8            | 94               |      | 93                |      | 70-130                 |
| 4-Bromofluorobenzene  | 85               |      | 86                |      | 70-130                 |
| Dibromofluoromethane  | 109              |      | 110               |      | 70-130                 |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07-08 Batch: WG1781753-3 WG1781753-4 |                  |      |                   |      |                     |     |      |               |
| Methylene chloride                                                                                             | 98               |      | 84                |      | 70-130              | 15  |      | 30            |
| 1,1-Dichloroethane                                                                                             | 123              |      | 99                |      | 70-130              | 22  |      | 30            |
| Chloroform                                                                                                     | 120              |      | 101               |      | 70-130              | 17  |      | 30            |
| Carbon tetrachloride                                                                                           | 114              |      | 87                |      | 70-130              | 27  |      | 30            |
| 1,2-Dichloropropane                                                                                            | 119              |      | 100               |      | 70-130              | 17  |      | 30            |
| Dibromochloromethane                                                                                           | 109              |      | 100               |      | 70-130              | 9   |      | 30            |
| 1,1,2-Trichloroethane                                                                                          | 115              |      | 104               |      | 70-130              | 10  |      | 30            |
| Tetrachloroethene                                                                                              | 116              |      | 87                |      | 70-130              | 29  |      | 30            |
| Chlorobenzene                                                                                                  | 111              |      | 92                |      | 70-130              | 19  |      | 30            |
| Trichlorofluoromethane                                                                                         | 124              |      | 91                |      | 70-139              | 31  | Q    | 30            |
| 1,2-Dichloroethane                                                                                             | 122              |      | 113               |      | 70-130              | 8   |      | 30            |
| 1,1,1-Trichloroethane                                                                                          | 121              |      | 94                |      | 70-130              | 25  |      | 30            |
| Bromodichloromethane                                                                                           | 118              |      | 103               |      | 70-130              | 14  |      | 30            |
| trans-1,3-Dichloropropene                                                                                      | 119              |      | 106               |      | 70-130              | 12  |      | 30            |
| cis-1,3-Dichloropropene                                                                                        | 121              |      | 106               |      | 70-130              | 13  |      | 30            |
| 1,1-Dichloropropene                                                                                            | 122              |      | 91                |      | 70-130              | 29  |      | 30            |
| Bromoform                                                                                                      | 101              |      | 97                |      | 70-130              | 4   |      | 30            |
| 1,1,2,2-Tetrachloroethane                                                                                      | 104              |      | 102               |      | 70-130              | 2   |      | 30            |
| Benzene                                                                                                        | 120              |      | 97                |      | 70-130              | 21  |      | 30            |
| Toluene                                                                                                        | 110              |      | 87                |      | 70-130              | 23  |      | 30            |
| Ethylbenzene                                                                                                   | 111              |      | 86                |      | 70-130              | 25  |      | 30            |
| Chloromethane                                                                                                  | 119              |      | 91                |      | 52-130              | 27  |      | 30            |
| Bromomethane                                                                                                   | 150              | Q    | 118               |      | 57-147              | 24  |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07-08 Batch: WG1781753-3 WG1781753-4 |                  |      |                   |      |                     |     |      |               |
| Vinyl chloride                                                                                                 | 119              |      | 88                |      | 67-130              | 30  |      | 30            |
| Chloroethane                                                                                                   | 122              |      | 96                |      | 50-151              | 24  |      | 30            |
| 1,1-Dichloroethene                                                                                             | 118              |      | 91                |      | 65-135              | 26  |      | 30            |
| trans-1,2-Dichloroethene                                                                                       | 110              |      | 86                |      | 70-130              | 24  |      | 30            |
| Trichloroethene                                                                                                | 121              |      | 96                |      | 70-130              | 23  |      | 30            |
| 1,2-Dichlorobenzene                                                                                            | 110              |      | 97                |      | 70-130              | 13  |      | 30            |
| 1,3-Dichlorobenzene                                                                                            | 110              |      | 95                |      | 70-130              | 15  |      | 30            |
| 1,4-Dichlorobenzene                                                                                            | 110              |      | 96                |      | 70-130              | 14  |      | 30            |
| Methyl tert butyl ether                                                                                        | 108              |      | 105               |      | 66-130              | 3   |      | 30            |
| p/m-Xylene                                                                                                     | 114              |      | 89                |      | 70-130              | 25  |      | 30            |
| o-Xylene                                                                                                       | 113              |      | 91                |      | 70-130              | 22  |      | 30            |
| cis-1,2-Dichloroethene                                                                                         | 116              |      | 97                |      | 70-130              | 18  |      | 30            |
| Dibromomethane                                                                                                 | 117              |      | 109               |      | 70-130              | 7   |      | 30            |
| Styrene                                                                                                        | 113              |      | 93                |      | 70-130              | 19  |      | 30            |
| Dichlorodifluoromethane                                                                                        | 113              |      | 84                |      | 30-146              | 29  |      | 30            |
| Acetone                                                                                                        | 91               |      | 93                |      | 54-140              | 2   |      | 30            |
| Carbon disulfide                                                                                               | 121              |      | 89                |      | 59-130              | 30  |      | 30            |
| 2-Butanone                                                                                                     | 106              |      | 105               |      | 70-130              | 1   |      | 30            |
| Vinyl acetate                                                                                                  | 118              |      | 119               |      | 70-130              | 1   |      | 30            |
| 4-Methyl-2-pentanone                                                                                           | 98               |      | 94                |      | 70-130              | 4   |      | 30            |
| 1,2,3-Trichloropropane                                                                                         | 104              |      | 101               |      | 68-130              | 3   |      | 30            |
| 2-Hexanone                                                                                                     | 97               |      | 96                |      | 70-130              | 1   |      | 30            |
| Bromochloromethane                                                                                             | 116              |      | 104               |      | 70-130              | 11  |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2326867

Report Date: 06/06/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07-08 Batch: WG1781753-3 WG1781753-4 |                  |      |                   |      |                     |     |      |               |
| 2,2-Dichloropropane                                                                                            | 123              |      | 94                |      | 70-130              | 27  |      | 30            |
| 1,2-Dibromoethane                                                                                              | 112              |      | 104               |      | 70-130              | 7   |      | 30            |
| 1,3-Dichloropropane                                                                                            | 116              |      | 105               |      | 69-130              | 10  |      | 30            |
| 1,1,1,2-Tetrachloroethane                                                                                      | 114              |      | 94                |      | 70-130              | 19  |      | 30            |
| Bromobenzene                                                                                                   | 105              |      | 92                |      | 70-130              | 13  |      | 30            |
| n-Butylbenzene                                                                                                 | 118              |      | 92                |      | 70-130              | 25  |      | 30            |
| sec-Butylbenzene                                                                                               | 112              |      | 86                |      | 70-130              | 26  |      | 30            |
| tert-Butylbenzene                                                                                              | 107              |      | 84                |      | 70-130              | 24  |      | 30            |
| o-Chlorotoluene                                                                                                | 109              |      | 91                |      | 70-130              | 18  |      | 30            |
| p-Chlorotoluene                                                                                                | 111              |      | 92                |      | 70-130              | 19  |      | 30            |
| 1,2-Dibromo-3-chloropropane                                                                                    | 94               |      | 97                |      | 68-130              | 3   |      | 30            |
| Hexachlorobutadiene                                                                                            | 110              |      | 85                |      | 67-130              | 26  |      | 30            |
| Isopropylbenzene                                                                                               | 105              |      | 83                |      | 70-130              | 23  |      | 30            |
| p-Isopropyltoluene                                                                                             | 111              |      | 87                |      | 70-130              | 24  |      | 30            |
| Naphthalene                                                                                                    | 99               |      | 97                |      | 70-130              | 2   |      | 30            |
| Acrylonitrile                                                                                                  | 114              |      | 110               |      | 70-130              | 4   |      | 30            |
| n-Propylbenzene                                                                                                | 110              |      | 88                |      | 70-130              | 22  |      | 30            |
| 1,2,3-Trichlorobenzene                                                                                         | 109              |      | 99                |      | 70-130              | 10  |      | 30            |
| 1,2,4-Trichlorobenzene                                                                                         | 108              |      | 97                |      | 70-130              | 11  |      | 30            |
| 1,3,5-Trimethylbenzene                                                                                         | 110              |      | 87                |      | 70-130              | 23  |      | 30            |
| 1,2,4-Trimethylbenzene                                                                                         | 109              |      | 91                |      | 70-130              | 18  |      | 30            |
| 1,4-Dioxane                                                                                                    | 96               |      | 100               |      | 65-136              | 4   |      | 30            |
| p-Diethylbenzene                                                                                               | 112              |      | 88                |      | 70-130              | 24  |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07-08 Batch: WG1781753-3 WG1781753-4 |                  |      |                   |      |                     |     |      |               |
| p-Ethyltoluene                                                                                                 | 110              |      | 87                |      | 70-130              | 23  |      | 30            |
| 1,2,4,5-Tetramethylbenzene                                                                                     | 105              |      | 88                |      | 70-130              | 18  |      | 30            |
| Ethyl ether                                                                                                    | 120              |      | 110               |      | 67-130              | 9   |      | 30            |
| trans-1,4-Dichloro-2-butene                                                                                    | 112              |      | 113               |      | 70-130              | 1   |      | 30            |

| Surrogate             | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 110              |      | 113               |      | 70-130                 |
| Toluene-d8            | 102              |      | 99                |      | 70-130                 |
| 4-Bromofluorobenzene  | 95               |      | 97                |      | 70-130                 |
| Dibromofluoromethane  | 103              |      | 102               |      | 70-130                 |

# SEMIVOLATILES

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-01  
 Client ID: WC-C\_COMP\_0-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:00  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/20/23 13:33  
 Analyst: CMM  
 Percent Solids: 87%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 04:22

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | 1500   |           | ug/kg | 150 | 20. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 190 | 22. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 21. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 190 | 19. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 34. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 33. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 33. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 190 | 50. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 38. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 32. | 1               |
| Fluoranthene                                     | 11000  | E         | ug/kg | 110 | 22. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 190 | 20. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 190 | 29. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 230 | 32. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 19. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 190 | 28. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 540 | 170 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 150 | 31. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 170 | 25. | 1               |
| Naphthalene                                      | 1400   |           | ug/kg | 190 | 23. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 170 | 28. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 150 | 22. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 190 | 29. | 1               |
| Bis(2-ethylhexyl)phthalate                       | 330    |           | ug/kg | 190 | 66. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 190 | 48. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 190 | 36. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 190 | 64. | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

## SAMPLE RESULTS

Lab ID: L2326867-01  
 Client ID: WC-C\_COMP\_0-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:00  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 190 | 18. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 190 | 40. | 1               |
| Benzo(a)anthracene                               | 5900   |           | ug/kg | 110 | 21. | 1               |
| Benzo(a)pyrene                                   | 5700   |           | ug/kg | 150 | 46. | 1               |
| Benzo(b)fluoranthene                             | 6800   |           | ug/kg | 110 | 32. | 1               |
| Benzo(k)fluoranthene                             | 2600   |           | ug/kg | 110 | 30. | 1               |
| Chrysene                                         | 5200   |           | ug/kg | 110 | 20. | 1               |
| Acenaphthylene                                   | 54     | J         | ug/kg | 150 | 29. | 1               |
| Anthracene                                       | 2900   |           | ug/kg | 110 | 37. | 1               |
| Benzo(ghi)perylene                               | 3000   |           | ug/kg | 150 | 22. | 1               |
| Fluorene                                         | 1200   |           | ug/kg | 190 | 18. | 1               |
| Phenanthrene                                     | 10000  | E         | ug/kg | 110 | 23. | 1               |
| Dibenzo(a,h)anthracene                           | 790    |           | ug/kg | 110 | 22. | 1               |
| Indeno(1,2,3-cd)pyrene                           | 3800   |           | ug/kg | 150 | 26. | 1               |
| Pyrene                                           | 9000   | E         | ug/kg | 110 | 19. | 1               |
| Biphenyl                                         | 130    | J         | ug/kg | 430 | 25. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 190 | 34. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 190 | 37. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 190 | 36. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 190 | 79. | 1               |
| Dibenzofuran                                     | 980    |           | ug/kg | 190 | 18. | 1               |
| 2-Methylnaphthalene                              | 480    |           | ug/kg | 230 | 23. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 190 | 20. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 190 | 24. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 36. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 190 | 28. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 190 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 170 | 30. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 190 | 63. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 410 | 71. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 260 | 77. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 910 | 88. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 490 | 91. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 150 | 42. | 1               |
| Phenol                                           | 47     | J         | ug/kg | 190 | 29. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 190 | 29. | 1               |
| 3-Methylphenol/4-Methylphenol                    | 55     | J         | ug/kg | 270 | 30. | 1               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-01**Date Collected:** 05/15/23 15:00**Client ID:** WC-C\_COMP\_0-4**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 190 | 36. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 620 | 190 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 190 | 58. | 1               |
| Carbazole                                        | 1800   |           | ug/kg | 190 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 28  | 8.7 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 78         |           | 25-120              |
| Phenol-d6            | 80         |           | 10-120              |
| Nitrobenzene-d5      | 84         |           | 23-120              |
| 2-Fluorobiphenyl     | 80         |           | 30-120              |
| 2,4,6-Tribromophenol | 96         |           | 10-136              |
| 4-Terphenyl-d14      | 75         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2326867**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-01 D  
 Client ID: WC-C\_COMP\_0-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:00  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/21/23 18:45  
 Analyst: CMM  
 Percent Solids: 87%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 04:22

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|-----------|--------|-----------|-------|----|-----|-----------------|
|-----------|--------|-----------|-------|----|-----|-----------------|

## Semivolatile Organics by GC/MS - Westborough Lab

|              |       |  |       |     |     |   |
|--------------|-------|--|-------|-----|-----|---|
| Fluoranthene | 13000 |  | ug/kg | 570 | 110 | 5 |
| Phenanthrene | 13000 |  | ug/kg | 570 | 120 | 5 |
| Pyrene       | 10000 |  | ug/kg | 570 | 94. | 5 |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-02  
 Client ID: WC-C\_COMP\_4-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:05  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/20/23 13:56  
 Analyst: CMM  
 Percent Solids: 85%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 04:22

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 150 | 20. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 190 | 22. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 120 | 22. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 190 | 19. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 34. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 33. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 34. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 190 | 51. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 38. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 33. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 120 | 22. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 190 | 20. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 190 | 29. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 230 | 33. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 210 | 19. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 190 | 28. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 550 | 170 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 150 | 31. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 170 | 25. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 190 | 23. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 170 | 28. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 150 | 22. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 190 | 30. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 190 | 66. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 190 | 48. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 190 | 36. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 190 | 65. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-02  
 Client ID: WC-C\_COMP\_4-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:05  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 190 | 18. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 190 | 40. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 120 | 22. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 150 | 47. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 120 | 32. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 120 | 31. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 120 | 20. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 150 | 30. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 120 | 37. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 150 | 22. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 190 | 19. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 120 | 23. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 120 | 22. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 150 | 27. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 120 | 19. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 440 | 25. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 190 | 35. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 190 | 37. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 190 | 36. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 190 | 80. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 190 | 18. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 230 | 23. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 190 | 20. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 190 | 24. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 120 | 36. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 190 | 29. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 190 | 23. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 170 | 31. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 190 | 63. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 410 | 72. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 270 | 78. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 920 | 89. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 500 | 92. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 150 | 42. | 1               |
| Phenol                                           | ND     |           | ug/kg | 190 | 29. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 190 | 30. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 280 | 30. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-02**Date Collected:** 05/15/23 15:05**Client ID:** WC-C\_COMP\_4-8**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 190 | 37. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 620 | 190 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 190 | 59. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 190 | 19. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 29  | 8.8 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 61         |           | 25-120              |
| Phenol-d6            | 63         |           | 10-120              |
| Nitrobenzene-d5      | 61         |           | 23-120              |
| 2-Fluorobiphenyl     | 64         |           | 30-120              |
| 2,4,6-Tribromophenol | 74         |           | 10-136              |
| 4-Terphenyl-d14      | 60         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-03  
 Client ID: WC-C\_COMP\_8-12  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:10  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/20/23 14:20  
 Analyst: CMM  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 04:22

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 18. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 20. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 20. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 24. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 31. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 31. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 48. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 36. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 31. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 110 | 20. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 19. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 27. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 210 | 30. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 190 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 26. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 510 | 160 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 29. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 23. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 180 | 22. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 160 | 26. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 20. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 62. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 45. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 34. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 61. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-03  
 Client ID: WC-C\_COMP\_8-12  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:10  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 16. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 38. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 110 | 20. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 44. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 110 | 30. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 29. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 110 | 19. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 28. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 35. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 21. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 180 | 17. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 110 | 22. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 21. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 25. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 110 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 410 | 23. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 32. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 34. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 34. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 74. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 180 | 17. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 210 | 22. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 19. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 34. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 21. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 29. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 59. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 390 | 67. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 250 | 73. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 860 | 83. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 460 | 86. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 39. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 28. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 260 | 28. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-03**Date Collected:** 05/15/23 15:10**Client ID:** WC-C\_COMP\_8-12**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 34. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 580 | 180 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 55. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 180 | 17. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 27  | 8.2 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 70         |           | 25-120              |
| Phenol-d6            | 73         |           | 10-120              |
| Nitrobenzene-d5      | 73         |           | 23-120              |
| 2-Fluorobiphenyl     | 72         |           | 30-120              |
| 2,4,6-Tribromophenol | 83         |           | 10-136              |
| 4-Terphenyl-d14      | 72         |           | 18-120              |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-04  
 Client ID: WC-C\_COMP\_12-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:15  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/20/23 14:44  
 Analyst: CMM  
 Percent Solids: 94%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 04:22

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 18. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 170 | 20. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 100 | 19. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 23. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 170 | 17. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 31. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 170 | 46. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 34. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 30. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 100 | 20. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 170 | 18. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 210 | 29. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 190 | 17. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 170 | 25. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 490 | 160 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 28. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 22. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 170 | 21. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 160 | 26. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 20. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 170 | 27. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 170 | 60. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 170 | 43. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 170 | 33. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 170 | 59. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-04  
 Client ID: WC-C\_COMP\_12-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:15  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 170 | 16. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 170 | 36. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 100 | 19. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 42. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 100 | 29. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 100 | 28. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 100 | 18. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 27. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 100 | 34. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 20. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 170 | 17. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 100 | 21. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 100 | 20. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 24. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 100 | 17. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 390 | 22. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 170 | 31. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 170 | 33. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 170 | 32. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 170 | 71. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 170 | 16. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 210 | 21. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 170 | 18. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 170 | 21. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 100 | 33. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 170 | 20. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 28. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 170 | 57. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 370 | 65. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 240 | 70. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 830 | 80. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 450 | 83. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 38. | 1               |
| Phenol                                           | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 170 | 27. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 250 | 27. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-04**Date Collected:** 05/15/23 15:15**Client ID:** WC-C\_COMP\_12-16**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 170 | 33. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 560 | 170 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 170 | 53. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 170 | 17. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 26  | 7.9 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 76         |           | 25-120              |
| Phenol-d6            | 80         |           | 10-120              |
| Nitrobenzene-d5      | 81         |           | 23-120              |
| 2-Fluorobiphenyl     | 78         |           | 30-120              |
| 2,4,6-Tribromophenol | 90         |           | 10-136              |
| 4-Terphenyl-d14      | 78         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-12  
 Client ID: SRI-03\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 09:15  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/16/23 11:44  
 Analyst: IM  
 Percent Solids: 93%

Extraction Method: EPA 3546  
 Extraction Date: 05/16/23 04:21

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 18. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 20. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 20. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 24. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 31. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 31. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 47. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 36. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 30. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 110 | 20. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 19. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 27. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 210 | 30. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 190 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 26. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 510 | 160 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 29. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 23. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 180 | 22. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 160 | 26. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 20. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 27. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 62. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 45. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 34. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 60. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-12**Date Collected:** 05/15/23 09:15**Client ID:** SRI-03\_14-16**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 16. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 37. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 110 | 20. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 43. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 110 | 30. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 28. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 110 | 18. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 27. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 35. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 21. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 180 | 17. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 110 | 22. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 20. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 25. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 110 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 400 | 23. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 32. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 34. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 34. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 74. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 180 | 17. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 210 | 22. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 18. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 34. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 26. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 21. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 29. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 59. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 380 | 67. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 250 | 73. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 850 | 83. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 460 | 85. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 39. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 28. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 260 | 28. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-12**Date Collected:** 05/15/23 09:15**Client ID:** SRI-03\_14-16**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 34. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 580 | 180 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 54. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 180 | 17. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 27  | 8.2 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 71         |           | 25-120              |
| Phenol-d6            | 68         |           | 10-120              |
| Nitrobenzene-d5      | 63         |           | 23-120              |
| 2-Fluorobiphenyl     | 71         |           | 30-120              |
| 2,4,6-Tribromophenol | 85         |           | 10-136              |
| 4-Terphenyl-d14      | 80         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-12  
 Client ID: SRI-03\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 09:15  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/26/23 13:24  
 Analyst: AC  
 Percent Solids: 93%

Extraction Method: EPA 1633  
 Extraction Date: 05/25/23 14:57  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/26/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.793 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.397 | 0.056 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.198 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.198 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.198 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.198 | 0.059 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.119  | J         | ng/g  | 0.198 | 0.052 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.793 | 0.278 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.198 | 0.037 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.198 | 0.078 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.198 | 0.079 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.198 | 0.075 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.793 | 0.384 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.198 | 0.099 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.198 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.198 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.198 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.198 | 0.082 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.198 | 0.041 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.198 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.198 | 0.106 | 1               |
| PFOA/PFOS, Total                                          | 0.119  | J         | ng/g  | 0.198 | 0.052 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-12**Date Collected:** 05/15/23 09:15**Client ID:** SRI-03\_14-16**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 69         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 66         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 77         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 72         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 84         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 75         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 78         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 82         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 79         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 74         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 59         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 80         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 74         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 85         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 60         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 97         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 68         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 54         |           | 20-150              |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-15  
 Client ID: SRI-04\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 11:00  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/16/23 12:34  
 Analyst: IM  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 05/16/23 04:21

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 19. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 21. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 20. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 25. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 33. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 31. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 48. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 36. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 31. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 110 | 21. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 19. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 220 | 31. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 27. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 520 | 160 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 29. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 24. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 180 | 22. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 160 | 27. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 21. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 63. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 46. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 34. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 62. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-15**Date Collected:** 05/15/23 11:00**Client ID:** SRI-04\_14-16**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 38. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 110 | 20. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 44. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 110 | 31. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 29. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 110 | 19. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 28. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 36. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 21. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 180 | 18. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 110 | 22. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 21. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 25. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 110 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 420 | 24. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 33. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 35. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 34. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 75. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 180 | 17. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 220 | 22. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 19. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 34. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 29. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 60. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 390 | 68. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 250 | 74. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 870 | 85. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 470 | 87. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 40. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 28. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 260 | 28. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-15**Date Collected:** 05/15/23 11:00**Client ID:** SRI-04\_14-16**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 35. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 590 | 180 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 56. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 27  | 8.4 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 54         |           | 25-120              |
| Phenol-d6            | 54         |           | 10-120              |
| Nitrobenzene-d5      | 50         |           | 23-120              |
| 2-Fluorobiphenyl     | 61         |           | 30-120              |
| 2,4,6-Tribromophenol | 85         |           | 10-136              |
| 4-Terphenyl-d14      | 78         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-15  
 Client ID: SRI-04\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 11:00  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/26/23 13:36  
 Analyst: AC  
 Percent Solids: 90%

Extraction Method: EPA 1633  
 Extraction Date: 05/25/23 14:57  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/26/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.798 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.399 | 0.056 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.200 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.200 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.200 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.200 | 0.059 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | ND     |           | ng/g  | 0.200 | 0.052 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.798 | 0.279 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.200 | 0.037 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.200 | 0.078 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.200 | 0.079 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.200 | 0.075 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.798 | 0.386 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.200 | 0.100 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.200 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.200 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.200 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.200 | 0.082 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.200 | 0.041 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.200 | 0.053 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.200 | 0.106 | 1               |
| PFOA/PFOS, Total                                          | ND     |           | ng/g  | 0.200 | 0.052 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-15**Date Collected:** 05/15/23 11:00**Client ID:** SRI-04\_14-16**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 77         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 78         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 88         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 76         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 93         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 85         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 89         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 91         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 82         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 80         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 82         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 93         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 81         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 93         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 71         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 94         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 77         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 63         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-16  
 Client ID: SRI-04\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 11:05  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/16/23 12:51  
 Analyst: IM  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 05/16/23 04:21

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 18. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 20. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 20. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 24. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 31. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 31. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 48. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 36. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 31. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 110 | 21. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 19. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 27. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 220 | 31. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 190 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 26. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 510 | 160 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 29. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 23. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 180 | 22. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 160 | 26. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 20. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 62. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 45. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 34. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 61. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-16**Date Collected:** 05/15/23 11:05**Client ID:** SRI-04\_20-22**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 38. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 110 | 20. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 44. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 110 | 30. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 29. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 110 | 19. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 28. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 35. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 21. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 180 | 17. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 110 | 22. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 21. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 25. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 110 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 410 | 23. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 33. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 35. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 34. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 74. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 180 | 17. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 220 | 22. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 19. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 34. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 21. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 29. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 59. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 390 | 67. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 250 | 73. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 860 | 84. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 470 | 86. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 39. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 28. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 260 | 28. | 1               |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-16  
**Client ID:** SRI-04\_20-22  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 11:05  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 34. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 580 | 180 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 55. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 180 | 17. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 27  | 8.2 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 60         |           | 25-120              |
| Phenol-d6            | 61         |           | 10-120              |
| Nitrobenzene-d5      | 55         |           | 23-120              |
| 2-Fluorobiphenyl     | 62         |           | 30-120              |
| 2,4,6-Tribromophenol | 80         |           | 10-136              |
| 4-Terphenyl-d14      | 69         |           | 18-120              |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-16  
 Client ID: SRI-04\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 11:05  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/26/23 13:49  
 Analyst: AC  
 Percent Solids: 91%

Extraction Method: EPA 1633  
 Extraction Date: 05/25/23 14:57  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/26/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.785 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.392 | 0.055 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.196 | 0.042 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.196 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.196 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.196 | 0.058 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | ND     |           | ng/g  | 0.196 | 0.051 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.785 | 0.275 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.196 | 0.036 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.196 | 0.077 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.196 | 0.078 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.196 | 0.074 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.785 | 0.380 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.196 | 0.098 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.196 | 0.050 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.196 | 0.031 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.196 | 0.042 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.196 | 0.081 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.196 | 0.040 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.196 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.196 | 0.104 | 1               |
| PFOA/PFOS, Total                                          | ND     |           | ng/g  | 0.196 | 0.051 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-16**Date Collected:** 05/15/23 11:05**Client ID:** SRI-04\_20-22**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 78         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 79         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 82         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 75         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 88         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 74         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 74         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 77         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 69         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 67         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 65         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 74         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 65         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 73         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 59         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 76         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 62         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 53         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-18  
 Client ID: FIELD BLANK  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:40  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 144,1633  
 Analytical Date: 05/23/23 17:58  
 Analyst: LMV

Extraction Method: EPA 1633  
 Extraction Date: 05/22/23 05:00

| Parameter                                                 | Result | Qualifier | Units | RL   | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |      |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/l  | 5.86 | 0.938 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/l  | 2.93 | 0.784 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/l  | 1.46 | 0.491 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/l  | 1.46 | 0.432 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/l  | 1.46 | 0.293 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/l  | 1.46 | 0.352 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | ND     |           | ng/l  | 1.46 | 0.638 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/l  | 5.86 | 1.98  | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/l  | 1.46 | 0.396 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/l  | 1.46 | 0.462 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/l  | 1.46 | 0.667 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/l  | 1.46 | 0.594 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/l  | 5.86 | 2.28  | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/l  | 1.46 | 0.799 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/l  | 1.46 | 0.638 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/l  | 1.46 | 0.337 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/l  | 1.46 | 0.396 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/l  | 1.46 | 0.792 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/l  | 1.46 | 0.674 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/l  | 1.46 | 0.550 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/l  | 1.46 | 0.388 | 1               |
| PFOA/PFOS, Total                                          | ND     |           | ng/l  | 1.46 | 0.638 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-18**Date Collected:** 05/15/23 15:40**Client ID:** FIELD BLANK**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 89         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 68         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 87         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 76         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 76         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 90         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 93         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 93         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 91         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 89         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 81         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 87         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 92         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 84         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 72         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 100        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 83         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 74         |           | 20-150              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-20  
**Client ID:** FIELD BLANK  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 15:44  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8270E-SIM  
**Analytical Date:** 05/17/23 11:15  
**Analyst:** TPR

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/16/23 15:15

| Parameter                                | Result     | Qualifier | Units     | RL                  | MDL  | Dilution Factor |
|------------------------------------------|------------|-----------|-----------|---------------------|------|-----------------|
| 1,4 Dioxane by 8270E-SIM - Mansfield Lab |            |           |           |                     |      |                 |
| 1,4-Dioxane                              | ND         |           | ng/l      | 142                 | 32.0 | 1               |
| Surrogate                                | % Recovery |           | Qualifier | Acceptance Criteria |      |                 |
| 1,4-Dioxane-d8                           | 45         |           |           | 15-110              |      |                 |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-24  
 Client ID: FIELD BLANK  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 16:05  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 05/16/23 13:21  
 Analyst: SZ

Extraction Method: EPA 3510C  
 Extraction Date: 05/16/23 04:46

| Parameter                                        | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |      |                 |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/l  | 5.0 | 0.50 | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/l  | 2.0 | 0.50 | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/l  | 2.0 | 0.45 | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/l  | 2.0 | 0.40 | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/l  | 2.0 | 0.43 | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/l  | 5.0 | 1.6  | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/l  | 5.0 | 1.2  | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/l  | 5.0 | 0.93 | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/l  | 2.0 | 0.49 | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/l  | 2.0 | 0.38 | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/l  | 2.0 | 0.53 | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/l  | 5.0 | 0.50 | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/l  | 20  | 0.69 | 1               |
| Isophorone                                       | ND     |           | ug/l  | 5.0 | 1.2  | 1               |
| Nitrobenzene                                     | ND     |           | ug/l  | 2.0 | 0.77 | 1               |
| NDPA/DPA                                         | ND     |           | ug/l  | 2.0 | 0.42 | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/l  | 5.0 | 0.64 | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/l  | 3.0 | 1.5  | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/l  | 5.0 | 1.2  | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/l  | 5.0 | 0.39 | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/l  | 5.0 | 1.3  | 1               |
| Diethyl phthalate                                | ND     |           | ug/l  | 5.0 | 0.38 | 1               |
| Dimethyl phthalate                               | ND     |           | ug/l  | 5.0 | 1.8  | 1               |
| Biphenyl                                         | ND     |           | ug/l  | 2.0 | 0.46 | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/l  | 5.0 | 1.1  | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/l  | 5.0 | 0.50 | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/l  | 5.0 | 0.81 | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/l  | 5.0 | 0.80 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-24**Date Collected:** 05/15/23 16:05**Client ID:** FIELD BLANK**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |      |                 |
| Dibenzofuran                                     | ND     |           | ug/l  | 2.0 | 0.50 | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/l  | 10  | 0.44 | 1               |
| Acetophenone                                     | ND     |           | ug/l  | 5.0 | 0.53 | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/l  | 5.0 | 0.61 | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/l  | 2.0 | 0.35 | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/l  | 2.0 | 0.48 | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/l  | 5.0 | 0.41 | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/l  | 5.0 | 1.8  | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/l  | 10  | 0.85 | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/l  | 10  | 0.67 | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/l  | 20  | 6.6  | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/l  | 10  | 1.8  | 1               |
| Phenol                                           | ND     |           | ug/l  | 5.0 | 0.57 | 1               |
| 2-Methylphenol                                   | ND     |           | ug/l  | 5.0 | 0.49 | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/l  | 5.0 | 0.48 | 1               |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/l  | 5.0 | 0.77 | 1               |
| Benzoic Acid                                     | ND     |           | ug/l  | 50  | 2.6  | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/l  | 2.0 | 0.59 | 1               |
| Carbazole                                        | ND     |           | ug/l  | 2.0 | 0.49 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 46         |           | 21-120              |
| Phenol-d6            | 37         |           | 10-120              |
| Nitrobenzene-d5      | 59         |           | 23-120              |
| 2-Fluorobiphenyl     | 46         |           | 15-120              |
| 2,4,6-Tribromophenol | 47         |           | 10-120              |
| 4-Terphenyl-d14      | 48         |           | 41-149              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-24  
 Client ID: FIELD BLANK  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 16:05  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 05/16/23 11:50  
 Analyst: RP

Extraction Method: EPA 3510C  
 Extraction Date: 05/16/23 04:50

| Parameter                                            | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|------------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab |        |           |       |      |      |                 |
| Acenaphthene                                         | ND     |           | ug/l  | 0.10 | 0.01 | 1               |
| 2-Chloronaphthalene                                  | ND     |           | ug/l  | 0.20 | 0.02 | 1               |
| Fluoranthene                                         | ND     |           | ug/l  | 0.10 | 0.02 | 1               |
| Hexachlorobutadiene                                  | ND     |           | ug/l  | 0.50 | 0.05 | 1               |
| Naphthalene                                          | ND     |           | ug/l  | 0.10 | 0.05 | 1               |
| Benzo(a)anthracene                                   | ND     |           | ug/l  | 0.10 | 0.02 | 1               |
| Benzo(a)pyrene                                       | ND     |           | ug/l  | 0.10 | 0.02 | 1               |
| Benzo(b)fluoranthene                                 | ND     |           | ug/l  | 0.10 | 0.01 | 1               |
| Benzo(k)fluoranthene                                 | ND     |           | ug/l  | 0.10 | 0.01 | 1               |
| Chrysene                                             | ND     |           | ug/l  | 0.10 | 0.01 | 1               |
| Acenaphthylene                                       | ND     |           | ug/l  | 0.10 | 0.01 | 1               |
| Anthracene                                           | ND     |           | ug/l  | 0.10 | 0.01 | 1               |
| Benzo(ghi)perylene                                   | ND     |           | ug/l  | 0.10 | 0.01 | 1               |
| Fluorene                                             | ND     |           | ug/l  | 0.10 | 0.01 | 1               |
| Phenanthrene                                         | ND     |           | ug/l  | 0.10 | 0.02 | 1               |
| Dibenzo(a,h)anthracene                               | ND     |           | ug/l  | 0.10 | 0.01 | 1               |
| Indeno(1,2,3-cd)pyrene                               | ND     |           | ug/l  | 0.10 | 0.01 | 1               |
| Pyrene                                               | ND     |           | ug/l  | 0.10 | 0.02 | 1               |
| 2-Methylnaphthalene                                  | ND     |           | ug/l  | 0.10 | 0.02 | 1               |
| Pentachlorophenol                                    | ND     |           | ug/l  | 0.80 | 0.01 | 1               |
| Hexachlorobenzene                                    | ND     |           | ug/l  | 0.80 | 0.01 | 1               |
| Hexachloroethane                                     | ND     |           | ug/l  | 0.80 | 0.06 | 1               |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-24  
**Client ID:** FIELD BLANK  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 16:05  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|-----------|--------|-----------|-------|----|-----|-----------------|
|-----------|--------|-----------|-------|----|-----|-----------------|

Semivolatile Organics by GC/MS-SIM - Westborough Lab

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 41         |           | 21-120              |
| Phenol-d6            | 35         |           | 10-120              |
| Nitrobenzene-d5      | 58         |           | 23-120              |
| 2-Fluorobiphenyl     | 56         |           | 15-120              |
| 2,4,6-Tribromophenol | 76         |           | 10-120              |
| 4-Terphenyl-d14      | 58         |           | 41-149              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/16/23 15:38  
**Analyst:** JG

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/15/23 08:14

| Parameter                                                                                   | Result | Qualifier | Units | RL  | MDL |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12,15-16 Batch: WG1778913-1 |        |           |       |     |     |
| Acenaphthene                                                                                | ND     |           | ug/kg | 130 | 17. |
| 1,2,4-Trichlorobenzene                                                                      | ND     |           | ug/kg | 160 | 19. |
| Hexachlorobenzene                                                                           | ND     |           | ug/kg | 98  | 18. |
| Bis(2-chloroethyl)ether                                                                     | ND     |           | ug/kg | 150 | 22. |
| 2-Chloronaphthalene                                                                         | ND     |           | ug/kg | 160 | 16. |
| 1,2-Dichlorobenzene                                                                         | ND     |           | ug/kg | 160 | 29. |
| 1,3-Dichlorobenzene                                                                         | ND     |           | ug/kg | 160 | 28. |
| 1,4-Dichlorobenzene                                                                         | ND     |           | ug/kg | 160 | 28. |
| 3,3'-Dichlorobenzidine                                                                      | ND     |           | ug/kg | 160 | 43. |
| 2,4-Dinitrotoluene                                                                          | ND     |           | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene                                                                          | ND     |           | ug/kg | 160 | 28. |
| Fluoranthene                                                                                | ND     |           | ug/kg | 98  | 19. |
| 4-Chlorophenyl phenyl ether                                                                 | ND     |           | ug/kg | 160 | 17. |
| 4-Bromophenyl phenyl ether                                                                  | ND     |           | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether                                                                 | ND     |           | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane                                                                  | ND     |           | ug/kg | 180 | 16. |
| Hexachlorobutadiene                                                                         | ND     |           | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene                                                                   | ND     |           | ug/kg | 470 | 150 |
| Hexachloroethane                                                                            | ND     |           | ug/kg | 130 | 26. |
| Isophorone                                                                                  | ND     |           | ug/kg | 150 | 21. |
| Naphthalene                                                                                 | ND     |           | ug/kg | 160 | 20. |
| Nitrobenzene                                                                                | ND     |           | ug/kg | 150 | 24. |
| NDPA/DPA                                                                                    | ND     |           | ug/kg | 130 | 18. |
| n-Nitrosodi-n-propylamine                                                                   | ND     |           | ug/kg | 160 | 25. |
| Bis(2-ethylhexyl)phthalate                                                                  | ND     |           | ug/kg | 160 | 56. |
| Butyl benzyl phthalate                                                                      | ND     |           | ug/kg | 160 | 41. |
| Di-n-butylphthalate                                                                         | ND     |           | ug/kg | 160 | 31. |
| Di-n-octylphthalate                                                                         | ND     |           | ug/kg | 160 | 55. |
| Diethyl phthalate                                                                           | ND     |           | ug/kg | 160 | 15. |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/16/23 15:38  
**Analyst:** JG

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/15/23 08:14

| Parameter                                                                                   | Result | Qualifier | Units | RL  | MDL |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12,15-16 Batch: WG1778913-1 |        |           |       |     |     |
| Dimethyl phthalate                                                                          | ND     |           | ug/kg | 160 | 34. |
| Benzo(a)anthracene                                                                          | ND     |           | ug/kg | 98  | 18. |
| Benzo(a)pyrene                                                                              | ND     |           | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene                                                                        | ND     |           | ug/kg | 98  | 27. |
| Benzo(k)fluoranthene                                                                        | ND     |           | ug/kg | 98  | 26. |
| Chrysene                                                                                    | ND     |           | ug/kg | 98  | 17. |
| Acenaphthylene                                                                              | ND     |           | ug/kg | 130 | 25. |
| Anthracene                                                                                  | ND     |           | ug/kg | 98  | 32. |
| Benzo(ghi)perylene                                                                          | ND     |           | ug/kg | 130 | 19. |
| Fluorene                                                                                    | ND     |           | ug/kg | 160 | 16. |
| Phenanthrene                                                                                | ND     |           | ug/kg | 98  | 20. |
| Dibenzo(a,h)anthracene                                                                      | ND     |           | ug/kg | 98  | 19. |
| Indeno(1,2,3-cd)pyrene                                                                      | ND     |           | ug/kg | 130 | 23. |
| Pyrene                                                                                      | ND     |           | ug/kg | 98  | 16. |
| Biphenyl                                                                                    | ND     |           | ug/kg | 370 | 21. |
| 4-Chloroaniline                                                                             | ND     |           | ug/kg | 160 | 30. |
| 2-Nitroaniline                                                                              | ND     |           | ug/kg | 160 | 31. |
| 3-Nitroaniline                                                                              | ND     |           | ug/kg | 160 | 31. |
| 4-Nitroaniline                                                                              | ND     |           | ug/kg | 160 | 68. |
| Dibenzofuran                                                                                | ND     |           | ug/kg | 160 | 15. |
| 2-Methylnaphthalene                                                                         | ND     |           | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene                                                                  | ND     |           | ug/kg | 160 | 17. |
| Acetophenone                                                                                | ND     |           | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol                                                                       | ND     |           | ug/kg | 98  | 31. |
| p-Chloro-m-cresol                                                                           | ND     |           | ug/kg | 160 | 24. |
| 2-Chlorophenol                                                                              | ND     |           | ug/kg | 160 | 19. |
| 2,4-Dichlorophenol                                                                          | ND     |           | ug/kg | 150 | 26. |
| 2,4-Dimethylphenol                                                                          | ND     |           | ug/kg | 160 | 54. |
| 2-Nitrophenol                                                                               | ND     |           | ug/kg | 350 | 61. |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/16/23 15:38  
**Analyst:** JG

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/15/23 08:14

| Parameter                                                                                   | Result | Qualifier | Units | RL  | MDL |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 12,15-16 Batch: WG1778913-1 |        |           |       |     |     |
| 4-Nitrophenol                                                                               | ND     |           | ug/kg | 230 | 66. |
| 2,4-Dinitrophenol                                                                           | ND     |           | ug/kg | 780 | 76. |
| 4,6-Dinitro-o-cresol                                                                        | ND     |           | ug/kg | 420 | 78. |
| Pentachlorophenol                                                                           | ND     |           | ug/kg | 130 | 36. |
| Phenol                                                                                      | ND     |           | ug/kg | 160 | 25. |
| 2-Methylphenol                                                                              | ND     |           | ug/kg | 160 | 25. |
| 3-Methylphenol/4-Methylphenol                                                               | ND     |           | ug/kg | 230 | 26. |
| 2,4,5-Trichlorophenol                                                                       | ND     |           | ug/kg | 160 | 31. |
| Benzoic Acid                                                                                | ND     |           | ug/kg | 530 | 160 |
| Benzyl Alcohol                                                                              | ND     |           | ug/kg | 160 | 50. |
| Carbazole                                                                                   | ND     |           | ug/kg | 160 | 16. |
| 1,4-Dioxane                                                                                 | ND     |           | ug/kg | 24  | 7.5 |

| Surrogate            | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|---------------------|
| 2-Fluorophenol       | 85        |           | 25-120              |
| Phenol-d6            | 82        |           | 10-120              |
| Nitrobenzene-d5      | 74        |           | 23-120              |
| 2-Fluorobiphenyl     | 87        |           | 30-120              |
| 2,4,6-Tribromophenol | 112       |           | 10-136              |
| 4-Terphenyl-d14      | 103       |           | 18-120              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E-SIM  
**Analytical Date:** 05/16/23 11:17  
**Analyst:** RP

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/15/23 22:34

| Parameter                                                                                 | Result | Qualifier | Units | RL   | MDL  |
|-------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 24 Batch: WG1779231-1 |        |           |       |      |      |
| Acenaphthene                                                                              | ND     |           | ug/l  | 0.10 | 0.01 |
| 2-Chloronaphthalene                                                                       | ND     |           | ug/l  | 0.20 | 0.02 |
| Fluoranthene                                                                              | ND     |           | ug/l  | 0.10 | 0.02 |
| Hexachlorobutadiene                                                                       | ND     |           | ug/l  | 0.50 | 0.05 |
| Naphthalene                                                                               | ND     |           | ug/l  | 0.10 | 0.05 |
| Benzo(a)anthracene                                                                        | ND     |           | ug/l  | 0.10 | 0.02 |
| Benzo(a)pyrene                                                                            | ND     |           | ug/l  | 0.10 | 0.02 |
| Benzo(b)fluoranthene                                                                      | ND     |           | ug/l  | 0.10 | 0.01 |
| Benzo(k)fluoranthene                                                                      | ND     |           | ug/l  | 0.10 | 0.01 |
| Chrysene                                                                                  | ND     |           | ug/l  | 0.10 | 0.01 |
| Acenaphthylene                                                                            | ND     |           | ug/l  | 0.10 | 0.01 |
| Anthracene                                                                                | ND     |           | ug/l  | 0.10 | 0.01 |
| Benzo(ghi)perylene                                                                        | ND     |           | ug/l  | 0.10 | 0.01 |
| Fluorene                                                                                  | ND     |           | ug/l  | 0.10 | 0.01 |
| Phenanthrene                                                                              | ND     |           | ug/l  | 0.10 | 0.02 |
| Dibenzo(a,h)anthracene                                                                    | ND     |           | ug/l  | 0.10 | 0.01 |
| Indeno(1,2,3-cd)pyrene                                                                    | ND     |           | ug/l  | 0.10 | 0.01 |
| Pyrene                                                                                    | ND     |           | ug/l  | 0.10 | 0.02 |
| 2-Methylnaphthalene                                                                       | ND     |           | ug/l  | 0.10 | 0.02 |
| Pentachlorophenol                                                                         | ND     |           | ug/l  | 0.80 | 0.01 |
| Hexachlorobenzene                                                                         | ND     |           | ug/l  | 0.80 | 0.01 |
| Hexachloroethane                                                                          | ND     |           | ug/l  | 0.80 | 0.06 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E-SIM  
**Analytical Date:** 05/16/23 11:17  
**Analyst:** RP

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/15/23 22:34

| Parameter                                                                                 | Result | Qualifier | Units | RL | MDL |
|-------------------------------------------------------------------------------------------|--------|-----------|-------|----|-----|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 24 Batch: WG1779231-1 |        |           |       |    |     |

| Surrogate            | %Recovery | Qualifier | Acceptance<br>Criteria |
|----------------------|-----------|-----------|------------------------|
| 2-Fluorophenol       | 56        |           | 21-120                 |
| Phenol-d6            | 46        |           | 10-120                 |
| Nitrobenzene-d5      | 71        |           | 23-120                 |
| 2-Fluorobiphenyl     | 67        |           | 15-120                 |
| 2,4,6-Tribromophenol | 98        |           | 10-120                 |
| 4-Terphenyl-d14      | 73        |           | 41-149                 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/16/23 11:01  
**Analyst:** SZ

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/15/23 22:52

| Parameter                                                                             | Result | Qualifier | Units | RL  | MDL  |
|---------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG1779233-1 |        |           |       |     |      |
| Acenaphthene                                                                          | ND     |           | ug/l  | 2.0 | 0.44 |
| 1,2,4-Trichlorobenzene                                                                | ND     |           | ug/l  | 5.0 | 0.50 |
| Hexachlorobenzene                                                                     | ND     |           | ug/l  | 2.0 | 0.46 |
| Bis(2-chloroethyl)ether                                                               | ND     |           | ug/l  | 2.0 | 0.50 |
| 2-Chloronaphthalene                                                                   | ND     |           | ug/l  | 2.0 | 0.44 |
| 1,2-Dichlorobenzene                                                                   | ND     |           | ug/l  | 2.0 | 0.45 |
| 1,3-Dichlorobenzene                                                                   | ND     |           | ug/l  | 2.0 | 0.40 |
| 1,4-Dichlorobenzene                                                                   | ND     |           | ug/l  | 2.0 | 0.43 |
| 3,3'-Dichlorobenzidine                                                                | ND     |           | ug/l  | 5.0 | 1.6  |
| 2,4-Dinitrotoluene                                                                    | ND     |           | ug/l  | 5.0 | 1.2  |
| 2,6-Dinitrotoluene                                                                    | ND     |           | ug/l  | 5.0 | 0.93 |
| Fluoranthene                                                                          | ND     |           | ug/l  | 2.0 | 0.26 |
| 4-Chlorophenyl phenyl ether                                                           | ND     |           | ug/l  | 2.0 | 0.49 |
| 4-Bromophenyl phenyl ether                                                            | ND     |           | ug/l  | 2.0 | 0.38 |
| Bis(2-chloroisopropyl)ether                                                           | ND     |           | ug/l  | 2.0 | 0.53 |
| Bis(2-chloroethoxy)methane                                                            | ND     |           | ug/l  | 5.0 | 0.50 |
| Hexachlorobutadiene                                                                   | ND     |           | ug/l  | 2.0 | 0.66 |
| Hexachlorocyclopentadiene                                                             | ND     |           | ug/l  | 20  | 0.69 |
| Hexachloroethane                                                                      | ND     |           | ug/l  | 2.0 | 0.58 |
| Isophorone                                                                            | ND     |           | ug/l  | 5.0 | 1.2  |
| Naphthalene                                                                           | ND     |           | ug/l  | 2.0 | 0.46 |
| Nitrobenzene                                                                          | ND     |           | ug/l  | 2.0 | 0.77 |
| NDPA/DPA                                                                              | ND     |           | ug/l  | 2.0 | 0.42 |
| n-Nitrosodi-n-propylamine                                                             | ND     |           | ug/l  | 5.0 | 0.64 |
| Bis(2-ethylhexyl)phthalate                                                            | ND     |           | ug/l  | 3.0 | 1.5  |
| Butyl benzyl phthalate                                                                | ND     |           | ug/l  | 5.0 | 1.2  |
| Di-n-butylphthalate                                                                   | ND     |           | ug/l  | 5.0 | 0.39 |
| Di-n-octylphthalate                                                                   | ND     |           | ug/l  | 5.0 | 1.3  |
| Diethyl phthalate                                                                     | ND     |           | ug/l  | 5.0 | 0.38 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/16/23 11:01  
**Analyst:** SZ

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/15/23 22:52

| Parameter                                                                             | Result | Qualifier | Units | RL  | MDL  |
|---------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG1779233-1 |        |           |       |     |      |
| Dimethyl phthalate                                                                    | ND     |           | ug/l  | 5.0 | 1.8  |
| Benzo(a)anthracene                                                                    | ND     |           | ug/l  | 2.0 | 0.32 |
| Benzo(a)pyrene                                                                        | ND     |           | ug/l  | 2.0 | 0.41 |
| Benzo(b)fluoranthene                                                                  | ND     |           | ug/l  | 2.0 | 0.35 |
| Benzo(k)fluoranthene                                                                  | ND     |           | ug/l  | 2.0 | 0.37 |
| Chrysene                                                                              | ND     |           | ug/l  | 2.0 | 0.34 |
| Acenaphthylene                                                                        | ND     |           | ug/l  | 2.0 | 0.46 |
| Anthracene                                                                            | ND     |           | ug/l  | 2.0 | 0.33 |
| Benzo(ghi)perylene                                                                    | ND     |           | ug/l  | 2.0 | 0.30 |
| Fluorene                                                                              | ND     |           | ug/l  | 2.0 | 0.41 |
| Phenanthrene                                                                          | ND     |           | ug/l  | 2.0 | 0.33 |
| Dibenzo(a,h)anthracene                                                                | ND     |           | ug/l  | 2.0 | 0.32 |
| Indeno(1,2,3-cd)pyrene                                                                | ND     |           | ug/l  | 2.0 | 0.40 |
| Pyrene                                                                                | ND     |           | ug/l  | 2.0 | 0.28 |
| Biphenyl                                                                              | ND     |           | ug/l  | 2.0 | 0.46 |
| 4-Chloroaniline                                                                       | ND     |           | ug/l  | 5.0 | 1.1  |
| 2-Nitroaniline                                                                        | ND     |           | ug/l  | 5.0 | 0.50 |
| 3-Nitroaniline                                                                        | ND     |           | ug/l  | 5.0 | 0.81 |
| 4-Nitroaniline                                                                        | ND     |           | ug/l  | 5.0 | 0.80 |
| Dibenzofuran                                                                          | ND     |           | ug/l  | 2.0 | 0.50 |
| 2-Methylnaphthalene                                                                   | ND     |           | ug/l  | 2.0 | 0.45 |
| 1,2,4,5-Tetrachlorobenzene                                                            | ND     |           | ug/l  | 10  | 0.44 |
| Acetophenone                                                                          | ND     |           | ug/l  | 5.0 | 0.53 |
| 2,4,6-Trichlorophenol                                                                 | ND     |           | ug/l  | 5.0 | 0.61 |
| p-Chloro-m-cresol                                                                     | ND     |           | ug/l  | 2.0 | 0.35 |
| 2-Chlorophenol                                                                        | ND     |           | ug/l  | 2.0 | 0.48 |
| 2,4-Dichlorophenol                                                                    | ND     |           | ug/l  | 5.0 | 0.41 |
| 2,4-Dimethylphenol                                                                    | ND     |           | ug/l  | 5.0 | 1.8  |
| 2-Nitrophenol                                                                         | ND     |           | ug/l  | 10  | 0.85 |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/16/23 11:01  
**Analyst:** SZ

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/15/23 22:52

| Parameter                                                                             | Result | Qualifier | Units | RL  | MDL  |
|---------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 24 Batch: WG1779233-1 |        |           |       |     |      |
| 4-Nitrophenol                                                                         | ND     |           | ug/l  | 10  | 0.67 |
| 2,4-Dinitrophenol                                                                     | ND     |           | ug/l  | 20  | 6.6  |
| 4,6-Dinitro-o-cresol                                                                  | ND     |           | ug/l  | 10  | 1.8  |
| Pentachlorophenol                                                                     | ND     |           | ug/l  | 10  | 1.8  |
| Phenol                                                                                | ND     |           | ug/l  | 5.0 | 0.57 |
| 2-Methylphenol                                                                        | ND     |           | ug/l  | 5.0 | 0.49 |
| 3-Methylphenol/4-Methylphenol                                                         | ND     |           | ug/l  | 5.0 | 0.48 |
| 2,4,5-Trichlorophenol                                                                 | ND     |           | ug/l  | 5.0 | 0.77 |
| Benzoic Acid                                                                          | ND     |           | ug/l  | 50  | 2.6  |
| Benzyl Alcohol                                                                        | ND     |           | ug/l  | 2.0 | 0.59 |
| Carbazole                                                                             | ND     |           | ug/l  | 2.0 | 0.49 |

| Surrogate            | %Recovery | Qualifier | Acceptance<br>Criteria |
|----------------------|-----------|-----------|------------------------|
| 2-Fluorophenol       | 51        |           | 21-120                 |
| Phenol-d6            | 42        |           | 10-120                 |
| Nitrobenzene-d5      | 62        |           | 23-120                 |
| 2-Fluorobiphenyl     | 48        |           | 15-120                 |
| 2,4,6-Tribromophenol | 59        |           | 10-120                 |
| 4-Terphenyl-d14      | 49        |           | 41-149                 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E-SIM  
**Analytical Date:** 05/17/23 08:41  
**Analyst:** TPR

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/16/23 15:15

| Parameter                                                                     | Result | Qualifier | Units | RL  | MDL  |
|-------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| 1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 20 Batch: WG1779578-1 |        |           |       |     |      |
| 1,4-Dioxane                                                                   | ND     |           | ng/l  | 150 | 33.9 |

| Surrogate      | %Recovery | Qualifier | Acceptance<br>Criteria |
|----------------|-----------|-----------|------------------------|
| 1,4-Dioxane-d8 | 46        |           | 15-110                 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/20/23 11:11  
**Analyst:** CMM

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/19/23 04:22

| Parameter                                                                                | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1780813-1 |        |           |       |     |     |
| Acenaphthene                                                                             | ND     |           | ug/kg | 130 | 17. |
| 1,2,4-Trichlorobenzene                                                                   | ND     |           | ug/kg | 160 | 19. |
| Hexachlorobenzene                                                                        | ND     |           | ug/kg | 99  | 18. |
| Bis(2-chloroethyl)ether                                                                  | ND     |           | ug/kg | 150 | 22. |
| 2-Chloronaphthalene                                                                      | ND     |           | ug/kg | 160 | 16. |
| 1,2-Dichlorobenzene                                                                      | ND     |           | ug/kg | 160 | 30. |
| 1,3-Dichlorobenzene                                                                      | ND     |           | ug/kg | 160 | 28. |
| 1,4-Dichlorobenzene                                                                      | ND     |           | ug/kg | 160 | 29. |
| 3,3'-Dichlorobenzidine                                                                   | ND     |           | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene                                                                       | ND     |           | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene                                                                       | ND     |           | ug/kg | 160 | 28. |
| Fluoranthene                                                                             | ND     |           | ug/kg | 99  | 19. |
| 4-Chlorophenyl phenyl ether                                                              | ND     |           | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether                                                               | ND     |           | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether                                                              | ND     |           | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane                                                               | ND     |           | ug/kg | 180 | 16. |
| Hexachlorobutadiene                                                                      | ND     |           | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene                                                                | ND     |           | ug/kg | 470 | 150 |
| Hexachloroethane                                                                         | ND     |           | ug/kg | 130 | 27. |
| Isophorone                                                                               | ND     |           | ug/kg | 150 | 21. |
| Naphthalene                                                                              | ND     |           | ug/kg | 160 | 20. |
| Nitrobenzene                                                                             | ND     |           | ug/kg | 150 | 24. |
| NDPA/DPA                                                                                 | ND     |           | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine                                                                | ND     |           | ug/kg | 160 | 25. |
| Bis(2-ethylhexyl)phthalate                                                               | ND     |           | ug/kg | 160 | 57. |
| Butyl benzyl phthalate                                                                   | ND     |           | ug/kg | 160 | 41. |
| Di-n-butylphthalate                                                                      | ND     |           | ug/kg | 160 | 31. |
| Di-n-octylphthalate                                                                      | ND     |           | ug/kg | 160 | 56. |
| Diethyl phthalate                                                                        | ND     |           | ug/kg | 160 | 15. |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/20/23 11:11  
**Analyst:** CMM

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/19/23 04:22

| Parameter                                                                                | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1780813-1 |        |           |       |     |     |
| Dimethyl phthalate                                                                       | ND     |           | ug/kg | 160 | 34. |
| Benzo(a)anthracene                                                                       | ND     |           | ug/kg | 99  | 18. |
| Benzo(a)pyrene                                                                           | ND     |           | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene                                                                     | ND     |           | ug/kg | 99  | 28. |
| Benzo(k)fluoranthene                                                                     | ND     |           | ug/kg | 99  | 26. |
| Chrysene                                                                                 | ND     |           | ug/kg | 99  | 17. |
| Acenaphthylene                                                                           | ND     |           | ug/kg | 130 | 25. |
| Anthracene                                                                               | ND     |           | ug/kg | 99  | 32. |
| Benzo(ghi)perylene                                                                       | ND     |           | ug/kg | 130 | 19. |
| Fluorene                                                                                 | ND     |           | ug/kg | 160 | 16. |
| Phenanthrene                                                                             | ND     |           | ug/kg | 99  | 20. |
| Dibenzo(a,h)anthracene                                                                   | ND     |           | ug/kg | 99  | 19. |
| Indeno(1,2,3-cd)pyrene                                                                   | ND     |           | ug/kg | 130 | 23. |
| Pyrene                                                                                   | ND     |           | ug/kg | 99  | 16. |
| Biphenyl                                                                                 | ND     |           | ug/kg | 380 | 21. |
| 4-Chloroaniline                                                                          | ND     |           | ug/kg | 160 | 30. |
| 2-Nitroaniline                                                                           | ND     |           | ug/kg | 160 | 32. |
| 3-Nitroaniline                                                                           | ND     |           | ug/kg | 160 | 31. |
| 4-Nitroaniline                                                                           | ND     |           | ug/kg | 160 | 68. |
| Dibenzofuran                                                                             | ND     |           | ug/kg | 160 | 16. |
| 2-Methylnaphthalene                                                                      | ND     |           | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene                                                               | ND     |           | ug/kg | 160 | 17. |
| Acetophenone                                                                             | ND     |           | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol                                                                    | ND     |           | ug/kg | 99  | 31. |
| p-Chloro-m-cresol                                                                        | ND     |           | ug/kg | 160 | 24. |
| 2-Chlorophenol                                                                           | ND     |           | ug/kg | 160 | 19. |
| 2,4-Dichlorophenol                                                                       | ND     |           | ug/kg | 150 | 26. |
| 2,4-Dimethylphenol                                                                       | ND     |           | ug/kg | 160 | 54. |
| 2-Nitrophenol                                                                            | ND     |           | ug/kg | 360 | 62. |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/20/23 11:11  
**Analyst:** CMM

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/19/23 04:22

| Parameter                                                                                | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1780813-1 |        |           |       |     |     |
| 4-Nitrophenol                                                                            | ND     |           | ug/kg | 230 | 67. |
| 2,4-Dinitrophenol                                                                        | ND     |           | ug/kg | 790 | 77. |
| 4,6-Dinitro-o-cresol                                                                     | ND     |           | ug/kg | 430 | 79. |
| Pentachlorophenol                                                                        | ND     |           | ug/kg | 130 | 36. |
| Phenol                                                                                   | ND     |           | ug/kg | 160 | 25. |
| 2-Methylphenol                                                                           | ND     |           | ug/kg | 160 | 26. |
| 3-Methylphenol/4-Methylphenol                                                            | ND     |           | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol                                                                    | ND     |           | ug/kg | 160 | 32. |
| Benzoic Acid                                                                             | ND     |           | ug/kg | 530 | 170 |
| Benzyl Alcohol                                                                           | ND     |           | ug/kg | 160 | 50. |
| Carbazole                                                                                | ND     |           | ug/kg | 160 | 16. |
| 1,4-Dioxane                                                                              | ND     |           | ug/kg | 25  | 7.6 |

| Surrogate            | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|---------------------|
| 2-Fluorophenol       | 57        |           | 25-120              |
| Phenol-d6            | 59        |           | 10-120              |
| Nitrobenzene-d5      | 55        |           | 23-120              |
| 2-Fluorobiphenyl     | 57        |           | 30-120              |
| 2,4,6-Tribromophenol | 31        |           | 10-136              |
| 4-Terphenyl-d14      | 58        |           | 18-120              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 144,1633  
**Analytical Date:** 05/23/23 13:22  
**Analyst:** LMV

**Extraction Method:** EPA 1633  
**Extraction Date:** 05/22/23 05:00

| Parameter                                                                                   | Result | Qualifier | Units | RL   | MDL   |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|------|-------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 18 Batch: WG1781547-1 |        |           |       |      |       |
| Perfluorobutanoic Acid (PFBA)                                                               | ND     |           | ng/l  | 6.40 | 1.02  |
| Perfluoropentanoic Acid (PFPeA)                                                             | ND     |           | ng/l  | 3.20 | 0.856 |
| Perfluorobutanesulfonic Acid (PFBS)                                                         | ND     |           | ng/l  | 1.60 | 0.536 |
| Perfluorohexanoic Acid (PFHxA)                                                              | ND     |           | ng/l  | 1.60 | 0.472 |
| Perfluoroheptanoic Acid (PFHpA)                                                             | ND     |           | ng/l  | 1.60 | 0.320 |
| Perfluorohexanesulfonic Acid (PFHxS)                                                        | ND     |           | ng/l  | 1.60 | 0.384 |
| Perfluorooctanoic Acid (PFOA)                                                               | ND     |           | ng/l  | 1.60 | 0.696 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)                                           | ND     |           | ng/l  | 6.40 | 2.16  |
| Perfluoroheptanesulfonic Acid (PFHpS)                                                       | ND     |           | ng/l  | 1.60 | 0.432 |
| Perfluorononanoic Acid (PFNA)                                                               | ND     |           | ng/l  | 1.60 | 0.504 |
| Perfluorooctanesulfonic Acid (PFOS)                                                         | ND     |           | ng/l  | 1.60 | 0.728 |
| Perfluorodecanoic Acid (PFDA)                                                               | ND     |           | ng/l  | 1.60 | 0.648 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)                                           | ND     |           | ng/l  | 6.40 | 2.49  |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)                                   | ND     |           | ng/l  | 1.60 | 0.872 |
| Perfluoroundecanoic Acid (PFUnA)                                                            | ND     |           | ng/l  | 1.60 | 0.696 |
| Perfluorodecanesulfonic Acid (PFDS)                                                         | ND     |           | ng/l  | 1.60 | 0.368 |
| Perfluorooctanesulfonamide (PFOSA)                                                          | ND     |           | ng/l  | 1.60 | 0.432 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)                                    | ND     |           | ng/l  | 1.60 | 0.864 |
| Perfluorododecanoic Acid (PFDoA)                                                            | ND     |           | ng/l  | 1.60 | 0.736 |
| Perfluorotridecanoic Acid (PFTrDA)                                                          | ND     |           | ng/l  | 1.60 | 0.600 |
| Perfluorotetradecanoic Acid (PFTeDA)                                                        | ND     |           | ng/l  | 1.60 | 0.424 |
| PFOA/PFOS, Total                                                                            | ND     |           | ng/l  | 1.60 | 0.696 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 144,1633  
**Analytical Date:** 05/23/23 13:22  
**Analyst:** LMV

**Extraction Method:** EPA 1633  
**Extraction Date:** 05/22/23 05:00

| Parameter                                                                                   | Result | Qualifier | Units | RL | MDL |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|----|-----|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 18 Batch: WG1781547-1 |        |           |       |    |     |

| Surrogate                                                           | %Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|-----------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 90        |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 95        |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 91        |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 92        |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 104       |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 91        |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 91        |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 93        |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 90        |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 84        |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 83        |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 87        |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 89        |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 89        |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 71        |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 87        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 78        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 74        |           | 20-150              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 144,1633  
**Analytical Date:** 05/26/23 08:32  
**Analyst:** AC

**Extraction Method:** EPA 1633  
**Extraction Date:** 05/25/23 14:57  
**Cleanup Method:** EPA 1633  
**Cleanup Date:** 05/26/23

| Parameter                                                                                         | Result | Qualifier | Units | RL    | MDL   |
|---------------------------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 12,15-16 Batch: WG1783319-1 |        |           |       |       |       |
| Perfluorobutanoic Acid (PFBA)                                                                     | ND     |           | ng/g  | 0.800 | 0.050 |
| Perfluoropentanoic Acid (PFPeA)                                                                   | ND     |           | ng/g  | 0.400 | 0.056 |
| Perfluorobutanesulfonic Acid (PFBS)                                                               | ND     |           | ng/g  | 0.200 | 0.043 |
| Perfluorohexanoic Acid (PFHxA)                                                                    | ND     |           | ng/g  | 0.200 | 0.046 |
| Perfluoroheptanoic Acid (PFHpA)                                                                   | ND     |           | ng/g  | 0.200 | 0.023 |
| Perfluorohexanesulfonic Acid (PFHxS)                                                              | ND     |           | ng/g  | 0.200 | 0.059 |
| Perfluorooctanoic Acid (PFOA)                                                                     | ND     |           | ng/g  | 0.200 | 0.052 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)                                                 | ND     |           | ng/g  | 0.800 | 0.280 |
| Perfluoroheptanesulfonic Acid (PFHpS)                                                             | ND     |           | ng/g  | 0.200 | 0.037 |
| Perfluorononanoic Acid (PFNA)                                                                     | ND     |           | ng/g  | 0.200 | 0.078 |
| Perfluorooctanesulfonic Acid (PFOS)                                                               | ND     |           | ng/g  | 0.200 | 0.079 |
| Perfluorodecanoic Acid (PFDA)                                                                     | ND     |           | ng/g  | 0.200 | 0.075 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)                                                 | ND     |           | ng/g  | 0.800 | 0.387 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)                                         | ND     |           | ng/g  | 0.200 | 0.100 |
| Perfluoroundecanoic Acid (PFUnA)                                                                  | ND     |           | ng/g  | 0.200 | 0.051 |
| Perfluorodecanesulfonic Acid (PFDS)                                                               | ND     |           | ng/g  | 0.200 | 0.032 |
| Perfluorooctanesulfonamide (PFOSA)                                                                | ND     |           | ng/g  | 0.200 | 0.043 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)                                          | ND     |           | ng/g  | 0.200 | 0.082 |
| Perfluorododecanoic Acid (PFDoA)                                                                  | ND     |           | ng/g  | 0.200 | 0.041 |
| Perfluorotridecanoic Acid (PFTrDA)                                                                | ND     |           | ng/g  | 0.200 | 0.053 |
| Perfluorotetradecanoic Acid (PFTeDA)                                                              | ND     |           | ng/g  | 0.200 | 0.106 |
| PFOA/PFOS, Total                                                                                  | ND     |           | ng/g  | 0.200 | 0.052 |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633  
 Analytical Date: 05/26/23 08:32  
 Analyst: AC

Extraction Method: EPA 1633  
 Extraction Date: 05/25/23 14:57  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/26/23

| Parameter                                                                                         | Result | Qualifier | Units | RL | MDL |
|---------------------------------------------------------------------------------------------------|--------|-----------|-------|----|-----|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 12,15-16 Batch: WG1783319-1 |        |           |       |    |     |

| Surrogate                                                           | %Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|-----------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 84        |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 88        |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 85        |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 90        |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 95        |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 85        |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 85        |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 90        |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 82        |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 82        |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 82        |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 86        |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 83        |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 87        |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 70        |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 93        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 74        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 58        |           | 20-150              |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2326867

Report Date: 06/06/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12,15-16 Batch: WG1778913-2 WG1778913-3 |                  |      |                   |      |                     |     |      |               |
| Acenaphthene                                                                                                   | 80               |      | 74                |      | 31-137              | 8   |      | 50            |
| 1,2,4-Trichlorobenzene                                                                                         | 76               |      | 68                |      | 38-107              | 11  |      | 50            |
| Hexachlorobenzene                                                                                              | 88               |      | 80                |      | 40-140              | 10  |      | 50            |
| Bis(2-chloroethyl)ether                                                                                        | 73               |      | 68                |      | 40-140              | 7   |      | 50            |
| 2-Chloronaphthalene                                                                                            | 74               |      | 66                |      | 40-140              | 11  |      | 50            |
| 1,2-Dichlorobenzene                                                                                            | 75               |      | 69                |      | 40-140              | 8   |      | 50            |
| 1,3-Dichlorobenzene                                                                                            | 73               |      | 71                |      | 40-140              | 3   |      | 50            |
| 1,4-Dichlorobenzene                                                                                            | 71               |      | 68                |      | 28-104              | 4   |      | 50            |
| 3,3'-Dichlorobenzidine                                                                                         | 82               |      | 73                |      | 40-140              | 12  |      | 50            |
| 2,4-Dinitrotoluene                                                                                             | 67               |      | 59                |      | 40-132              | 13  |      | 50            |
| 2,6-Dinitrotoluene                                                                                             | 62               |      | 56                |      | 40-140              | 10  |      | 50            |
| Fluoranthene                                                                                                   | 89               |      | 82                |      | 40-140              | 8   |      | 50            |
| 4-Chlorophenyl phenyl ether                                                                                    | 84               |      | 72                |      | 40-140              | 15  |      | 50            |
| 4-Bromophenyl phenyl ether                                                                                     | 89               |      | 77                |      | 40-140              | 14  |      | 50            |
| Bis(2-chloroisopropyl)ether                                                                                    | 67               |      | 63                |      | 40-140              | 6   |      | 50            |
| Bis(2-chloroethoxy)methane                                                                                     | 74               |      | 66                |      | 40-117              | 11  |      | 50            |
| Hexachlorobutadiene                                                                                            | 78               |      | 76                |      | 40-140              | 3   |      | 50            |
| Hexachlorocyclopentadiene                                                                                      | 105              |      | 106               |      | 40-140              | 1   |      | 50            |
| Hexachloroethane                                                                                               | 59               |      | 57                |      | 40-140              | 3   |      | 50            |
| Isophorone                                                                                                     | 68               |      | 61                |      | 40-140              | 11  |      | 50            |
| Naphthalene                                                                                                    | 73               |      | 69                |      | 40-140              | 6   |      | 50            |
| Nitrobenzene                                                                                                   | 67               |      | 65                |      | 40-140              | 3   |      | 50            |
| NDPA/DPA                                                                                                       | 83               |      | 75                |      | 36-157              | 10  |      | 50            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12,15-16 Batch: WG1778913-2 WG1778913-3 |                  |      |                   |      |                     |     |      |               |
| n-Nitrosodi-n-propylamine                                                                                      | 74               |      | 68                |      | 32-121              | 8   |      | 50            |
| Bis(2-ethylhexyl)phthalate                                                                                     | 85               |      | 67                |      | 40-140              | 24  |      | 50            |
| Butyl benzyl phthalate                                                                                         | 88               |      | 77                |      | 40-140              | 13  |      | 50            |
| Di-n-butylphthalate                                                                                            | 84               |      | 70                |      | 40-140              | 18  |      | 50            |
| Di-n-octylphthalate                                                                                            | 88               |      | 71                |      | 40-140              | 21  |      | 50            |
| Diethyl phthalate                                                                                              | 79               |      | 70                |      | 40-140              | 12  |      | 50            |
| Dimethyl phthalate                                                                                             | 72               |      | 64                |      | 40-140              | 12  |      | 50            |
| Benzo(a)anthracene                                                                                             | 88               |      | 75                |      | 40-140              | 16  |      | 50            |
| Benzo(a)pyrene                                                                                                 | 100              |      | 85                |      | 40-140              | 16  |      | 50            |
| Benzo(b)fluoranthene                                                                                           | 90               |      | 78                |      | 40-140              | 14  |      | 50            |
| Benzo(k)fluoranthene                                                                                           | 92               |      | 78                |      | 40-140              | 16  |      | 50            |
| Chrysene                                                                                                       | 86               |      | 74                |      | 40-140              | 15  |      | 50            |
| Acenaphthylene                                                                                                 | 77               |      | 70                |      | 40-140              | 10  |      | 50            |
| Anthracene                                                                                                     | 86               |      | 75                |      | 40-140              | 14  |      | 50            |
| Benzo(ghi)perylene                                                                                             | 103              |      | 87                |      | 40-140              | 17  |      | 50            |
| Fluorene                                                                                                       | 80               |      | 73                |      | 40-140              | 9   |      | 50            |
| Phenanthrene                                                                                                   | 84               |      | 74                |      | 40-140              | 13  |      | 50            |
| Dibenzo(a,h)anthracene                                                                                         | 100              |      | 83                |      | 40-140              | 19  |      | 50            |
| Indeno(1,2,3-cd)pyrene                                                                                         | 102              |      | 86                |      | 40-140              | 17  |      | 50            |
| Pyrene                                                                                                         | 90               |      | 85                |      | 35-142              | 6   |      | 50            |
| Biphenyl                                                                                                       | 79               |      | 71                |      | 37-127              | 11  |      | 50            |
| 4-Chloroaniline                                                                                                | 25               | Q    | 23                | Q    | 40-140              | 8   |      | 50            |
| 2-Nitroaniline                                                                                                 | 80               |      | 69                |      | 47-134              | 15  |      | 50            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12,15-16 Batch: WG1778913-2 WG1778913-3 |                  |      |                   |      |                     |     |      |               |
| 3-Nitroaniline                                                                                                 | 79               |      | 68                |      | 26-129              | 15  |      | 50            |
| 4-Nitroaniline                                                                                                 | 93               |      | 86                |      | 41-125              | 8   |      | 50            |
| Dibenzofuran                                                                                                   | 83               |      | 75                |      | 40-140              | 10  |      | 50            |
| 2-Methylnaphthalene                                                                                            | 79               |      | 72                |      | 40-140              | 9   |      | 50            |
| 1,2,4,5-Tetrachlorobenzene                                                                                     | 77               |      | 72                |      | 40-117              | 7   |      | 50            |
| Acetophenone                                                                                                   | 77               |      | 72                |      | 14-144              | 7   |      | 50            |
| 2,4,6-Trichlorophenol                                                                                          | 86               |      | 78                |      | 30-130              | 10  |      | 50            |
| p-Chloro-m-cresol                                                                                              | 75               |      | 67                |      | 26-103              | 11  |      | 50            |
| 2-Chlorophenol                                                                                                 | 76               |      | 70                |      | 25-102              | 8   |      | 50            |
| 2,4-Dichlorophenol                                                                                             | 78               |      | 67                |      | 30-130              | 15  |      | 50            |
| 2,4-Dimethylphenol                                                                                             | 72               |      | 64                |      | 30-130              | 12  |      | 50            |
| 2-Nitrophenol                                                                                                  | 58               |      | 52                |      | 30-130              | 11  |      | 50            |
| 4-Nitrophenol                                                                                                  | 103              |      | 94                |      | 11-114              | 9   |      | 50            |
| 2,4-Dinitrophenol                                                                                              | 19               |      | 19                |      | 4-130               | 0   |      | 50            |
| 4,6-Dinitro-o-cresol                                                                                           | 16               |      | 17                |      | 10-130              | 6   |      | 50            |
| Pentachlorophenol                                                                                              | 142              | Q    | 140               | Q    | 17-109              | 1   |      | 50            |
| Phenol                                                                                                         | 73               |      | 70                |      | 26-90               | 4   |      | 50            |
| 2-Methylphenol                                                                                                 | 70               |      | 65                |      | 30-130.             | 7   |      | 50            |
| 3-Methylphenol/4-Methylphenol                                                                                  | 74               |      | 64                |      | 30-130              | 14  |      | 50            |
| 2,4,5-Trichlorophenol                                                                                          | 78               |      | 75                |      | 30-130              | 4   |      | 50            |
| Benzoic Acid                                                                                                   | 57               |      | 51                |      | 10-110              | 11  |      | 50            |
| Benzyl Alcohol                                                                                                 | 74               |      | 70                |      | 40-140              | 6   |      | 50            |
| Carbazole                                                                                                      | 88               |      | 80                |      | 54-128              | 10  |      | 50            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 12,15-16 Batch: WG1778913-2 WG1778913-3 |                  |      |                   |      |                     |     |      |               |
| 1,4-Dioxane                                                                                                    | 51               |      | 57                |      | 40-140              | 11  |      | 50            |

| Surrogate            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|----------------------|------------------|------|-------------------|------|------------------------|
| 2-Fluorophenol       | 76               |      | 76                |      | 25-120                 |
| Phenol-d6            | 72               |      | 70                |      | 10-120                 |
| Nitrobenzene-d5      | 69               |      | 65                |      | 23-120                 |
| 2-Fluorobiphenyl     | 74               |      | 67                |      | 30-120                 |
| 2,4,6-Tribromophenol | 102              |      | 99                |      | 10-136                 |
| 4-Terphenyl-d14      | 93               |      | 83                |      | 18-120                 |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|--------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 24 Batch: WG1779231-2 WG1779231-3 |                  |      |                   |      |                     |     |      |               |
| Acenaphthene                                                                                                 | 60               |      | 47                |      | 40-140              | 29  |      | 40            |
| 2-Chloronaphthalene                                                                                          | 64               |      | 49                |      | 40-140              | 28  |      | 40            |
| Fluoranthene                                                                                                 | 63               |      | 50                |      | 40-140              | 27  |      | 40            |
| Hexachlorobutadiene                                                                                          | 64               |      | 49                |      | 40-140              | 31  |      | 40            |
| Naphthalene                                                                                                  | 59               |      | 45                |      | 40-140              | 28  |      | 40            |
| Benzo(a)anthracene                                                                                           | 63               |      | 51                |      | 40-140              | 29  |      | 40            |
| Benzo(a)pyrene                                                                                               | 67               |      | 53                |      | 40-140              | 28  |      | 40            |
| Benzo(b)fluoranthene                                                                                         | 66               |      | 52                |      | 40-140              | 34  |      | 40            |
| Benzo(k)fluoranthene                                                                                         | 67               |      | 53                |      | 40-140              | 26  |      | 40            |
| Chrysene                                                                                                     | 60               |      | 49                |      | 40-140              | 28  |      | 40            |
| Acenaphthylene                                                                                               | 68               |      | 52                |      | 40-140              | 31  |      | 40            |
| Anthracene                                                                                                   | 62               |      | 50                |      | 40-140              | 27  |      | 40            |
| Benzo(ghi)perylene                                                                                           | 60               |      | 49                |      | 40-140              | 31  |      | 40            |
| Fluorene                                                                                                     | 63               |      | 49                |      | 40-140              | 28  |      | 40            |
| Phenanthrene                                                                                                 | 56               |      | 46                |      | 40-140              | 30  |      | 40            |
| Dibenzo(a,h)anthracene                                                                                       | 64               |      | 51                |      | 40-140              | 29  |      | 40            |
| Indeno(1,2,3-cd)pyrene                                                                                       | 58               |      | 46                |      | 40-140              | 30  |      | 40            |
| Pyrene                                                                                                       | 62               |      | 50                |      | 40-140              | 27  |      | 40            |
| 2-Methylnaphthalene                                                                                          | 64               |      | 49                |      | 40-140              | 28  |      | 40            |
| Pentachlorophenol                                                                                            | 88               |      | 76                |      | 40-140              | 24  |      | 40            |
| Hexachlorobenzene                                                                                            | 66               |      | 53                |      | 40-140              | 28  |      | 40            |
| Hexachloroethane                                                                                             | 59               |      | 45                |      | 40-140              | 28  |      | 40            |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| <b>Parameter</b>                                                                                             | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>%Recovery<br/>Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD<br/>Limits</b> |
|--------------------------------------------------------------------------------------------------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|
| Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 24 Batch: WG1779231-2 WG1779231-3 |                          |             |                           |             |                             |            |             |                       |

| <b>Surrogate</b>     | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>Acceptance<br/>Criteria</b> |
|----------------------|--------------------------|-------------|---------------------------|-------------|--------------------------------|
| 2-Fluorophenol       | 62                       |             | 47                        |             | 21-120                         |
| Phenol-d6            | 54                       |             | 42                        |             | 10-120                         |
| Nitrobenzene-d5      | 78                       |             | 57                        |             | 23-120                         |
| 2-Fluorobiphenyl     | 71                       |             | 52                        |             | 15-120                         |
| 2,4,6-Tribromophenol | 112                      |             | 78                        |             | 10-120                         |
| 4-Terphenyl-d14      | 71                       |             | 54                        |             | 41-149                         |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG1779233-2 WG1779233-3 |                  |      |                   |      |                     |     |      |               |
| Acenaphthene                                                                                             | 56               |      | 58                |      | 37-111              | 4   |      | 30            |
| 1,2,4-Trichlorobenzene                                                                                   | 53               |      | 50                |      | 39-98               | 6   |      | 30            |
| Hexachlorobenzene                                                                                        | 51               |      | 55                |      | 40-140              | 8   |      | 30            |
| Bis(2-chloroethyl)ether                                                                                  | 65               |      | 64                |      | 40-140              | 2   |      | 30            |
| 2-Chloronaphthalene                                                                                      | 51               |      | 54                |      | 40-140              | 6   |      | 30            |
| 1,2-Dichlorobenzene                                                                                      | 57               |      | 53                |      | 40-140              | 7   |      | 30            |
| 1,3-Dichlorobenzene                                                                                      | 57               |      | 52                |      | 40-140              | 9   |      | 30            |
| 1,4-Dichlorobenzene                                                                                      | 55               |      | 53                |      | 36-97               | 4   |      | 30            |
| 3,3'-Dichlorobenzidine                                                                                   | 49               |      | 46                |      | 40-140              | 6   |      | 30            |
| 2,4-Dinitrotoluene                                                                                       | 66               |      | 70                |      | 48-143              | 6   |      | 30            |
| 2,6-Dinitrotoluene                                                                                       | 54               |      | 59                |      | 40-140              | 9   |      | 30            |
| Fluoranthene                                                                                             | 54               |      | 55                |      | 40-140              | 2   |      | 30            |
| 4-Chlorophenyl phenyl ether                                                                              | 52               |      | 53                |      | 40-140              | 2   |      | 30            |
| 4-Bromophenyl phenyl ether                                                                               | 52               |      | 55                |      | 40-140              | 6   |      | 30            |
| Bis(2-chloroisopropyl)ether                                                                              | 80               |      | 76                |      | 40-140              | 5   |      | 30            |
| Bis(2-chloroethoxy)methane                                                                               | 66               |      | 66                |      | 40-140              | 0   |      | 30            |
| Hexachlorobutadiene                                                                                      | 46               |      | 46                |      | 40-140              | 0   |      | 30            |
| Hexachlorocyclopentadiene                                                                                | 40               |      | 40                |      | 40-140              | 0   |      | 30            |
| Hexachloroethane                                                                                         | 62               |      | 57                |      | 40-140              | 8   |      | 30            |
| Isophorone                                                                                               | 60               |      | 59                |      | 40-140              | 2   |      | 30            |
| Naphthalene                                                                                              | 56               |      | 58                |      | 40-140              | 4   |      | 30            |
| Nitrobenzene                                                                                             | 67               |      | 64                |      | 40-140              | 5   |      | 30            |
| NDPA/DPA                                                                                                 | 59               |      | 58                |      | 40-140              | 2   |      | 30            |



# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG1779233-2 WG1779233-3 |                  |      |                   |      |                     |     |      |               |
| n-Nitrosodi-n-propylamine                                                                                | 64               |      | 62                |      | 29-132              | 3   |      | 30            |
| Bis(2-ethylhexyl)phthalate                                                                               | 75               |      | 76                |      | 40-140              | 1   |      | 30            |
| Butyl benzyl phthalate                                                                                   | 63               |      | 62                |      | 40-140              | 2   |      | 30            |
| Di-n-butylphthalate                                                                                      | 60               |      | 65                |      | 40-140              | 8   |      | 30            |
| Di-n-octylphthalate                                                                                      | 75               |      | 78                |      | 40-140              | 4   |      | 30            |
| Diethyl phthalate                                                                                        | 63               |      | 66                |      | 40-140              | 5   |      | 30            |
| Dimethyl phthalate                                                                                       | 53               |      | 55                |      | 40-140              | 4   |      | 30            |
| Benzo(a)anthracene                                                                                       | 61               |      | 61                |      | 40-140              | 0   |      | 30            |
| Benzo(a)pyrene                                                                                           | 66               |      | 67                |      | 40-140              | 2   |      | 30            |
| Benzo(b)fluoranthene                                                                                     | 58               |      | 59                |      | 40-140              | 2   |      | 30            |
| Benzo(k)fluoranthene                                                                                     | 64               |      | 65                |      | 40-140              | 2   |      | 30            |
| Chrysene                                                                                                 | 61               |      | 61                |      | 40-140              | 0   |      | 30            |
| Acenaphthylene                                                                                           | 57               |      | 59                |      | 45-123              | 3   |      | 30            |
| Anthracene                                                                                               | 60               |      | 62                |      | 40-140              | 3   |      | 30            |
| Benzo(ghi)perylene                                                                                       | 71               |      | 76                |      | 40-140              | 7   |      | 30            |
| Fluorene                                                                                                 | 58               |      | 62                |      | 40-140              | 7   |      | 30            |
| Phenanthrene                                                                                             | 61               |      | 63                |      | 40-140              | 3   |      | 30            |
| Dibenzo(a,h)anthracene                                                                                   | 68               |      | 71                |      | 40-140              | 4   |      | 30            |
| Indeno(1,2,3-cd)pyrene                                                                                   | 68               |      | 69                |      | 40-140              | 1   |      | 30            |
| Pyrene                                                                                                   | 56               |      | 54                |      | 26-127              | 4   |      | 30            |
| Biphenyl                                                                                                 | 48               |      | 51                |      | 40-140              | 6   |      | 30            |
| 4-Chloroaniline                                                                                          | 33               | Q    | 41                |      | 40-140              | 22  |      | 30            |
| 2-Nitroaniline                                                                                           | 56               |      | 63                |      | 52-143              | 12  |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG1779233-2 WG1779233-3 |                  |      |                   |      |                     |     |      |               |
| 3-Nitroaniline                                                                                           | 57               |      | 59                |      | 25-145              | 3   |      | 30            |
| 4-Nitroaniline                                                                                           | 62               |      | 62                |      | 51-143              | 0   |      | 30            |
| Dibenzofuran                                                                                             | 58               |      | 60                |      | 40-140              | 3   |      | 30            |
| 2-Methylnaphthalene                                                                                      | 53               |      | 54                |      | 40-140              | 2   |      | 30            |
| 1,2,4,5-Tetrachlorobenzene                                                                               | 45               |      | 46                |      | 2-134               | 2   |      | 30            |
| Acetophenone                                                                                             | 53               |      | 52                |      | 39-129              | 2   |      | 30            |
| 2,4,6-Trichlorophenol                                                                                    | 50               |      | 54                |      | 30-130              | 8   |      | 30            |
| p-Chloro-m-cresol                                                                                        | 60               |      | 62                |      | 23-97               | 3   |      | 30            |
| 2-Chlorophenol                                                                                           | 60               |      | 58                |      | 27-123              | 3   |      | 30            |
| 2,4-Dichlorophenol                                                                                       | 54               |      | 54                |      | 30-130              | 0   |      | 30            |
| 2,4-Dimethylphenol                                                                                       | 60               |      | 53                |      | 30-130              | 12  |      | 30            |
| 2-Nitrophenol                                                                                            | 62               |      | 61                |      | 30-130              | 2   |      | 30            |
| 4-Nitrophenol                                                                                            | 83               | Q    | 85                | Q    | 10-80               | 2   |      | 30            |
| 2,4-Dinitrophenol                                                                                        | 62               |      | 60                |      | 20-130              | 3   |      | 30            |
| 4,6-Dinitro-o-cresol                                                                                     | 72               |      | 75                |      | 20-164              | 4   |      | 30            |
| Pentachlorophenol                                                                                        | 61               |      | 64                |      | 9-103               | 5   |      | 30            |
| Phenol                                                                                                   | 47               |      | 49                |      | 12-110              | 4   |      | 30            |
| 2-Methylphenol                                                                                           | 59               |      | 58                |      | 30-130              | 2   |      | 30            |
| 3-Methylphenol/4-Methylphenol                                                                            | 63               |      | 59                |      | 30-130              | 7   |      | 30            |
| 2,4,5-Trichlorophenol                                                                                    | 51               |      | 56                |      | 30-130              | 9   |      | 30            |
| Benzoic Acid                                                                                             | 59               |      | 70                |      | 10-164              | 17  |      | 30            |
| Benzyl Alcohol                                                                                           | 54               |      | 55                |      | 26-116              | 2   |      | 30            |
| Carbazole                                                                                                | 61               |      | 61                |      | 55-144              | 0   |      | 30            |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| <b>Parameter</b> | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>%Recovery<br/>Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD<br/>Limits</b> |
|------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|
|------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 24 Batch: WG1779233-2 WG1779233-3

| <b>Surrogate</b>     | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>Acceptance<br/>Criteria</b> |
|----------------------|--------------------------|-------------|---------------------------|-------------|--------------------------------|
| 2-Fluorophenol       | 60                       |             | 57                        |             | 21-120                         |
| Phenol-d6            | 53                       |             | 50                        |             | 10-120                         |
| Nitrobenzene-d5      | 79                       |             | 73                        |             | 23-120                         |
| 2-Fluorobiphenyl     | 56                       |             | 55                        |             | 15-120                         |
| 2,4,6-Tribromophenol | 69                       |             | 67                        |             | 10-120                         |
| 4-Terphenyl-d14      | 57                       |             | 55                        |             | 41-149                         |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                        | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|--------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| 1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 20 Batch: WG1779578-2 WG1779578-3 |                  |      |                   |      |                     |     |      |               |
| 1,4-Dioxane                                                                                      | 117              |      | 119               |      | 40-140              | 2   |      | 30            |

| Surrogate      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|----------------|------------------|------|-------------------|------|------------------------|
| 1,4-Dioxane-d8 | 37               |      | 47                |      | 15-110                 |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1780813-2 WG1780813-3 |                  |      |                   |      |                     |     |      |               |
| Acenaphthene                                                                                                | 70               |      | 78                |      | 31-137              | 11  |      | 50            |
| 1,2,4-Trichlorobenzene                                                                                      | 73               |      | 82                |      | 38-107              | 12  |      | 50            |
| Hexachlorobenzene                                                                                           | 76               |      | 85                |      | 40-140              | 11  |      | 50            |
| Bis(2-chloroethyl)ether                                                                                     | 69               |      | 79                |      | 40-140              | 14  |      | 50            |
| 2-Chloronaphthalene                                                                                         | 74               |      | 82                |      | 40-140              | 10  |      | 50            |
| 1,2-Dichlorobenzene                                                                                         | 68               |      | 77                |      | 40-140              | 12  |      | 50            |
| 1,3-Dichlorobenzene                                                                                         | 66               |      | 75                |      | 40-140              | 13  |      | 50            |
| 1,4-Dichlorobenzene                                                                                         | 67               |      | 76                |      | 28-104              | 13  |      | 50            |
| 3,3'-Dichlorobenzidine                                                                                      | 58               |      | 60                |      | 40-140              | 3   |      | 50            |
| 2,4-Dinitrotoluene                                                                                          | 72               |      | 86                |      | 40-132              | 18  |      | 50            |
| 2,6-Dinitrotoluene                                                                                          | 75               |      | 88                |      | 40-140              | 16  |      | 50            |
| Fluoranthene                                                                                                | 70               |      | 79                |      | 40-140              | 12  |      | 50            |
| 4-Chlorophenyl phenyl ether                                                                                 | 72               |      | 80                |      | 40-140              | 11  |      | 50            |
| 4-Bromophenyl phenyl ether                                                                                  | 76               |      | 84                |      | 40-140              | 10  |      | 50            |
| Bis(2-chloroisopropyl)ether                                                                                 | 69               |      | 78                |      | 40-140              | 12  |      | 50            |
| Bis(2-chloroethoxy)methane                                                                                  | 78               |      | 87                |      | 40-117              | 11  |      | 50            |
| Hexachlorobutadiene                                                                                         | 68               |      | 78                |      | 40-140              | 14  |      | 50            |
| Hexachlorocyclopentadiene                                                                                   | 70               |      | 83                |      | 40-140              | 17  |      | 50            |
| Hexachloroethane                                                                                            | 68               |      | 77                |      | 40-140              | 12  |      | 50            |
| Isophorone                                                                                                  | 76               |      | 87                |      | 40-140              | 13  |      | 50            |
| Naphthalene                                                                                                 | 69               |      | 78                |      | 40-140              | 12  |      | 50            |
| Nitrobenzene                                                                                                | 74               |      | 83                |      | 40-140              | 11  |      | 50            |
| NDPA/DPA                                                                                                    | 75               |      | 85                |      | 36-157              | 13  |      | 50            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2326867

Report Date: 06/06/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1780813-2 WG1780813-3 |                  |      |                   |      |                     |     |      |               |
| n-Nitrosodi-n-propylamine                                                                                   | 76               |      | 88                |      | 32-121              | 15  |      | 50            |
| Bis(2-ethylhexyl)phthalate                                                                                  | 70               |      | 78                |      | 40-140              | 11  |      | 50            |
| Butyl benzyl phthalate                                                                                      | 71               |      | 82                |      | 40-140              | 14  |      | 50            |
| Di-n-butylphthalate                                                                                         | 80               |      | 89                |      | 40-140              | 11  |      | 50            |
| Di-n-octylphthalate                                                                                         | 68               |      | 77                |      | 40-140              | 12  |      | 50            |
| Diethyl phthalate                                                                                           | 75               |      | 85                |      | 40-140              | 13  |      | 50            |
| Dimethyl phthalate                                                                                          | 76               |      | 87                |      | 40-140              | 13  |      | 50            |
| Benzo(a)anthracene                                                                                          | 72               |      | 80                |      | 40-140              | 11  |      | 50            |
| Benzo(a)pyrene                                                                                              | 78               |      | 90                |      | 40-140              | 14  |      | 50            |
| Benzo(b)fluoranthene                                                                                        | 71               |      | 80                |      | 40-140              | 12  |      | 50            |
| Benzo(k)fluoranthene                                                                                        | 72               |      | 82                |      | 40-140              | 13  |      | 50            |
| Chrysene                                                                                                    | 69               |      | 76                |      | 40-140              | 10  |      | 50            |
| Acenaphthylene                                                                                              | 82               |      | 92                |      | 40-140              | 11  |      | 50            |
| Anthracene                                                                                                  | 73               |      | 81                |      | 40-140              | 10  |      | 50            |
| Benzo(ghi)perylene                                                                                          | 72               |      | 81                |      | 40-140              | 12  |      | 50            |
| Fluorene                                                                                                    | 72               |      | 82                |      | 40-140              | 13  |      | 50            |
| Phenanthrene                                                                                                | 69               |      | 77                |      | 40-140              | 11  |      | 50            |
| Dibenzo(a,h)anthracene                                                                                      | 74               |      | 82                |      | 40-140              | 10  |      | 50            |
| Indeno(1,2,3-cd)pyrene                                                                                      | 76               |      | 86                |      | 40-140              | 12  |      | 50            |
| Pyrene                                                                                                      | 70               |      | 78                |      | 35-142              | 11  |      | 50            |
| Biphenyl                                                                                                    | 74               |      | 84                |      | 37-127              | 13  |      | 50            |
| 4-Chloroaniline                                                                                             | 68               |      | 73                |      | 40-140              | 7   |      | 50            |
| 2-Nitroaniline                                                                                              | 74               |      | 86                |      | 47-134              | 15  |      | 50            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1780813-2 WG1780813-3 |                  |      |                   |      |                     |     |      |               |
| 3-Nitroaniline                                                                                              | 62               |      | 67                |      | 26-129              | 8   |      | 50            |
| 4-Nitroaniline                                                                                              | 68               |      | 79                |      | 41-125              | 15  |      | 50            |
| Dibenzofuran                                                                                                | 71               |      | 80                |      | 40-140              | 12  |      | 50            |
| 2-Methylnaphthalene                                                                                         | 75               |      | 83                |      | 40-140              | 10  |      | 50            |
| 1,2,4,5-Tetrachlorobenzene                                                                                  | 74               |      | 83                |      | 40-117              | 11  |      | 50            |
| Acetophenone                                                                                                | 73               |      | 83                |      | 14-144              | 13  |      | 50            |
| 2,4,6-Trichlorophenol                                                                                       | 76               |      | 90                |      | 30-130              | 17  |      | 50            |
| p-Chloro-m-cresol                                                                                           | 78               |      | 90                |      | 26-103              | 14  |      | 50            |
| 2-Chlorophenol                                                                                              | 74               |      | 84                |      | 25-102              | 13  |      | 50            |
| 2,4-Dichlorophenol                                                                                          | 77               |      | 89                |      | 30-130              | 14  |      | 50            |
| 2,4-Dimethylphenol                                                                                          | 77               |      | 88                |      | 30-130              | 13  |      | 50            |
| 2-Nitrophenol                                                                                               | 64               |      | 78                |      | 30-130              | 20  |      | 50            |
| 4-Nitrophenol                                                                                               | 71               |      | 87                |      | 11-114              | 20  |      | 50            |
| 2,4-Dinitrophenol                                                                                           | 53               |      | 66                |      | 4-130               | 22  |      | 50            |
| 4,6-Dinitro-o-cresol                                                                                        | 67               |      | 80                |      | 10-130              | 18  |      | 50            |
| Pentachlorophenol                                                                                           | 56               |      | 69                |      | 17-109              | 21  |      | 50            |
| Phenol                                                                                                      | 73               |      | 82                |      | 26-90               | 12  |      | 50            |
| 2-Methylphenol                                                                                              | 75               |      | 84                |      | 30-130              | 11  |      | 50            |
| 3-Methylphenol/4-Methylphenol                                                                               | 76               |      | 86                |      | 30-130              | 12  |      | 50            |
| 2,4,5-Trichlorophenol                                                                                       | 76               |      | 88                |      | 30-130              | 15  |      | 50            |
| Benzoic Acid                                                                                                | 24               |      | 40                |      | 10-110              | 50  |      | 50            |
| Benzyl Alcohol                                                                                              | 78               |      | 89                |      | 40-140              | 13  |      | 50            |
| Carbazole                                                                                                   | 71               |      | 80                |      | 54-128              | 12  |      | 50            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Lab Number:** L2326867

**Project Number:** 0205563

**Report Date:** 06/06/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1780813-2 WG1780813-3 |                  |      |                   |      |                     |     |      |               |
| 1,4-Dioxane                                                                                                 | 54               |      | 60                |      | 40-140              | 11  |      | 50            |

| Surrogate            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|----------------------|------------------|------|-------------------|------|------------------------|
| 2-Fluorophenol       | 71               |      | 81                |      | 25-120                 |
| Phenol-d6            | 74               |      | 84                |      | 10-120                 |
| Nitrobenzene-d5      | 71               |      | 83                |      | 23-120                 |
| 2-Fluorobiphenyl     | 72               |      | 82                |      | 30-120                 |
| 2,4,6-Tribromophenol | 73               |      | 87                |      | 10-136                 |
| 4-Terphenyl-d14      | 67               |      | 78                |      | 18-120                 |



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2326867

Report Date: 06/06/23

| Parameter                                                                                                    | Low Level<br>LCS<br>%Recovery | Qual | Low Level<br>LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|--------------------------------------------------------------------------------------------------------------|-------------------------------|------|--------------------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG1781547-2 LOW LEVEL |                               |      |                                |      |                     |     |      |               |
| Perfluorobutanoic Acid (PFBA)                                                                                | 95                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluoropentanoic Acid (PFPeA)                                                                              | 75                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorobutanesulfonic Acid (PFBS)                                                                          | 110                           |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorohexanoic Acid (PFHxA)                                                                               | 98                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluoroheptanoic Acid (PFHpA)                                                                              | 75                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorohexanesulfonic Acid (PFHxS)                                                                         | 79                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorooctanoic Acid (PFOA)                                                                                | 70                            |      | -                              |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)                                                            | 90                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluoroheptanesulfonic Acid (PFHpS)                                                                        | 79                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorononanoic Acid (PFNA)                                                                                | 82                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonic Acid (PFOS)                                                                          | 97                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorodecanoic Acid (PFDA)                                                                                | 85                            |      | -                              |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)                                                            | 81                            |      | -                              |      | 40-150              | -   |      | 30            |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)                                                    | 92                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluoroundecanoic Acid (PFUnA)                                                                             | 110                           |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorodecanesulfonic Acid (PFDS)                                                                          | 80                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonamide (PFOSA)                                                                           | 85                            |      | -                              |      | 40-150              | -   |      | 30            |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)                                                     | 80                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorododecanoic Acid (PFDoA)                                                                             | 70                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorotridecanoic Acid (PFTrDA)                                                                           | 92                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorotetradecanoic Acid (PFTeDA)                                                                         | 92                            |      | -                              |      | 40-150              | -   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

| Parameter                                                                                                    | Low Level<br>LCS<br>%Recovery | Qual | Low Level<br>LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|--------------------------------------------------------------------------------------------------------------|-------------------------------|------|--------------------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG1781547-2 LOW LEVEL |                               |      |                                |      |                     |     |      |               |

| Surrogate                                                           | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|---------------------------------------------------------------------|------------------|------|-------------------|------|------------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 87               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 94               |      |                   |      | 20-150                 |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 80               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 93               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 101              |      |                   |      | 20-150                 |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 83               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 98               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 86               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 87               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 81               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 85               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 75               |      |                   |      | 20-150                 |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 71               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 82               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 74               |      |                   |      | 20-150                 |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 85               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 81               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 74               |      |                   |      | 20-150                 |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                          | LCS<br>%Recovery | Qual | LCS<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------|------------------|------|------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG1781547-3 |                  |      |                  |      |                     |     |      |               |
| Perfluorobutanoic Acid (PFBA)                                                                      | 88               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluoropentanoic Acid (PFPeA)                                                                    | 75               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorobutanesulfonic Acid (PFBS)                                                                | 102              |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorohexanoic Acid (PFHxA)                                                                     | 91               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluoroheptanoic Acid (PFHpA)                                                                    | 73               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorohexanesulfonic Acid (PFHxS)                                                               | 71               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorooctanoic Acid (PFOA)                                                                      | 74               |      | -                |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)                                                  | 93               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluoroheptanesulfonic Acid (PFHpS)                                                              | 79               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorononanoic Acid (PFNA)                                                                      | 90               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonic Acid (PFOS)                                                                | 90               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorodecanoic Acid (PFDA)                                                                      | 87               |      | -                |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)                                                  | 82               |      | -                |      | 40-150              | -   |      | 30            |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)                                          | 86               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluoroundecanoic Acid (PFUnA)                                                                   | 90               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorodecanesulfonic Acid (PFDS)                                                                | 75               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonamide (PFOSA)                                                                 | 87               |      | -                |      | 40-150              | -   |      | 30            |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)                                           | 69               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorododecanoic Acid (PFDoA)                                                                   | 75               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorotridecanoic Acid (PFTrDA)                                                                 | 92               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorotetradecanoic Acid (PFTeDA)                                                               | 103              |      | -                |      | 40-150              | -   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

| Parameter                                                                                          | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18 Batch: WG1781547-3 |                  |      |                   |      |                     |     |      |               |

| Surrogate                                                           | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|---------------------------------------------------------------------|------------------|------|-------------------|------|------------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 94               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 95               |      |                   |      | 20-150                 |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 85               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 90               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 102              |      |                   |      | 20-150                 |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 92               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 91               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 95               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 95               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 84               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 74               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 78               |      |                   |      | 20-150                 |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 74               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 78               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 70               |      |                   |      | 20-150                 |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 87               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 70               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 64               |      |                   |      | 20-150                 |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                          | <i>Low Level</i><br>LCS<br>%Recovery | Qual | <i>Low Level</i><br>LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------|------|---------------------------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 12,15-16 Batch: WG1783319-2 LOW LEVEL |                                      |      |                                       |      |                     |     |      |               |
| Perfluorobutanoic Acid (PFBA)                                                                                      | 86                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluoropentanoic Acid (PFPeA)                                                                                    | 71                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluorobutanesulfonic Acid (PFBS)                                                                                | 99                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluorohexanoic Acid (PFHxA)                                                                                     | 88                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluoroheptanoic Acid (PFHpA)                                                                                    | 65                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluorohexanesulfonic Acid (PFHxS)                                                                               | 68                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluorooctanoic Acid (PFOA)                                                                                      | 62                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)                                                                  | 86                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluoroheptanesulfonic Acid (PFHpS)                                                                              | 73                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluorononanoic Acid (PFNA)                                                                                      | 72                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonic Acid (PFOS)                                                                                | 97                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluorodecanoic Acid (PFDA)                                                                                      | 80                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)                                                                  | 67                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)                                                          | 65                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluoroundecanoic Acid (PFUnA)                                                                                   | 80                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluorodecanesulfonic Acid (PFDS)                                                                                | 72                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonamide (PFOSA)                                                                                 | 82                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)                                                           | 78                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluorododecanoic Acid (PFDoA)                                                                                   | 65                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluorotridecanoic Acid (PFTrDA)                                                                                 | 72                                   |      | -                                     |      | 40-150              | -   |      | 30            |
| Perfluorotetradecanoic Acid (PFTeDA)                                                                               | 98                                   |      | -                                     |      | 40-150              | -   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

| Parameter                                                                                                          | Low Level<br>LCS<br>%Recovery | Qual | Low Level<br>LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|--------------------------------------------------------------------------------------------------------------------|-------------------------------|------|--------------------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 12,15-16 Batch: WG1783319-2 LOW LEVEL |                               |      |                                |      |                     |     |      |               |

| Surrogate                                                           | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|---------------------------------------------------------------------|------------------|------|-------------------|------|------------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 80               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 79               |      |                   |      | 20-150                 |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 80               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 84               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 98               |      |                   |      | 20-150                 |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 81               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 83               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 83               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 77               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 73               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 70               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 78               |      |                   |      | 20-150                 |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 83               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 80               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 69               |      |                   |      | 20-150                 |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 94               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 67               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 47               |      |                   |      | 20-150                 |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                | LCS<br>%Recovery | Qual | LCS<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------|------------------|------|------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 12,15-16 Batch: WG1783319-3 |                  |      |                  |      |                     |     |      |               |
| Perfluorobutanoic Acid (PFBA)                                                                            | 90               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluoropentanoic Acid (PFPeA)                                                                          | 83               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorobutanesulfonic Acid (PFBS)                                                                      | 88               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorohexanoic Acid (PFHxA)                                                                           | 87               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluoroheptanoic Acid (PFHpA)                                                                          | 67               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorohexanesulfonic Acid (PFHxS)                                                                     | 71               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorooctanoic Acid (PFOA)                                                                            | 70               |      | -                |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)                                                        | 103              |      | -                |      | 40-150              | -   |      | 30            |
| Perfluoroheptanesulfonic Acid (PFHpS)                                                                    | 71               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorononanoic Acid (PFNA)                                                                            | 90               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonic Acid (PFOS)                                                                      | 90               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorodecanoic Acid (PFDA)                                                                            | 70               |      | -                |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)                                                        | 76               |      | -                |      | 40-150              | -   |      | 30            |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)                                                | 98               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluoroundecanoic Acid (PFUnA)                                                                         | 93               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorodecanesulfonic Acid (PFDS)                                                                      | 84               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonamide (PFOSA)                                                                       | 87               |      | -                |      | 40-150              | -   |      | 30            |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)                                                 | 66               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorododecanoic Acid (PFDoA)                                                                         | 78               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorotridecanoic Acid (PFTrDA)                                                                       | 90               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorotetradecanoic Acid (PFTeDA)                                                                     | 101              |      | -                |      | 40-150              | -   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

| Parameter                                                                                                | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 12,15-16 Batch: WG1783319-3 |                  |      |                   |      |                     |     |      |               |

| Surrogate                                                           | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|---------------------------------------------------------------------|------------------|------|-------------------|------|------------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 76               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 67               |      |                   |      | 20-150                 |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 80               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 68               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 88               |      |                   |      | 20-150                 |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 77               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 78               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 75               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 78               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 75               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 79               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 80               |      |                   |      | 20-150                 |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 83               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 80               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 67               |      |                   |      | 20-150                 |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 96               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 63               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 57               |      |                   |      | 20-150                 |



# **PETROLEUM HYDROCARBONS**

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-05  
**Client ID:** WC-A\_GRAB\_7-8  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 13:40  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8015D(M)  
**Analytical Date:** 05/19/23 13:07  
**Analyst:** BAD  
**Percent Solids:** 88%

**Extraction Method:**

| Parameter                                 | Result     | Qualifier | Units     | RL                  | MDL | Dilution Factor |
|-------------------------------------------|------------|-----------|-----------|---------------------|-----|-----------------|
| Gasoline Range Organics - Westborough Lab |            |           |           |                     |     |                 |
| Gasoline Range Organics                   | 1300       | J         | ug/kg     | 2200                | 42. | 1               |
| Surrogate                                 | % Recovery |           | Qualifier | Acceptance Criteria |     |                 |
| 1,1,1-Trifluorotoluene                    | 106        |           |           | 70-130              |     |                 |
| 4-Bromofluorobenzene                      | 84         |           |           | 70-130              |     |                 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-06  
**Client ID:** WC-A\_GRAB\_11-12  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 13:45  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8015D(M)  
**Analytical Date:** 05/19/23 14:39  
**Analyst:** BAD  
**Percent Solids:** 90%

**Extraction Method:**

| Parameter                                 | Result     | Qualifier | Units     | RL                  | MDL | Dilution Factor |
|-------------------------------------------|------------|-----------|-----------|---------------------|-----|-----------------|
| Gasoline Range Organics - Westborough Lab |            |           |           |                     |     |                 |
| Gasoline Range Organics                   | 870        | J         | ug/kg     | 2200                | 42. | 1               |
| Surrogate                                 | % Recovery |           | Qualifier | Acceptance Criteria |     |                 |
| 1,1,1-Trifluorotoluene                    | 108        |           |           | 70-130              |     |                 |
| 4-Bromofluorobenzene                      | 83         |           |           | 70-130              |     |                 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-07  
**Client ID:** WC-A\_GRAB\_3-4  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 14:30  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8015D(M)  
**Analytical Date:** 05/19/23 15:10  
**Analyst:** BAD  
**Percent Solids:** 93%

**Extraction Method:**

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|-----------|--------|-----------|-------|----|-----|-----------------|
|-----------|--------|-----------|-------|----|-----|-----------------|

|                                           |  |  |  |  |  |  |
|-------------------------------------------|--|--|--|--|--|--|
| Gasoline Range Organics - Westborough Lab |  |  |  |  |  |  |
|-------------------------------------------|--|--|--|--|--|--|

|                         |      |   |       |      |     |   |
|-------------------------|------|---|-------|------|-----|---|
| Gasoline Range Organics | 2400 | J | ug/kg | 2700 | 52. | 1 |
|-------------------------|------|---|-------|------|-----|---|

| Surrogate              | % Recovery | Qualifier | Acceptance Criteria |
|------------------------|------------|-----------|---------------------|
| 1,1,1-Trifluorotoluene | 106        |           | 70-130              |
| 4-Bromofluorobenzene   | 87         |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-08  
 Client ID: WC-A\_GRAB\_15-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 14:35  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method:

Analytical Method: 1,8015D(M)

Analytical Date: 05/19/23 15:41

Analyst: BAD

Percent Solids: 87%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|-----------|--------|-----------|-------|----|-----|-----------------|
|-----------|--------|-----------|-------|----|-----|-----------------|

## Gasoline Range Organics - Westborough Lab

|                         |     |   |       |      |     |   |
|-------------------------|-----|---|-------|------|-----|---|
| Gasoline Range Organics | 780 | J | ug/kg | 2300 | 44. | 1 |
|-------------------------|-----|---|-------|------|-----|---|

| Surrogate              | % Recovery | Qualifier | Acceptance Criteria |
|------------------------|------------|-----------|---------------------|
| 1,1,1-Trifluorotoluene | 102        |           | 70-130              |
| 4-Bromofluorobenzene   | 81         |           | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8015D(M)  
 Analytical Date: 05/19/23 11:23  
 Analyst: BAD

| Parameter                                                                         | Result | Qualifier | Units | RL   | MDL |
|-----------------------------------------------------------------------------------|--------|-----------|-------|------|-----|
| Gasoline Range Organics - Westborough Lab for sample(s): 05-08 Batch: WG1781361-4 |        |           |       |      |     |
| Gasoline Range Organics                                                           | 1100   | J         | ug/kg | 2500 | 48. |

| Surrogate              | %Recovery | Qualifier | Acceptance<br>Criteria |
|------------------------|-----------|-----------|------------------------|
| 1,1,1-Trifluorotoluene | 104       |           | 70-130                 |
| 4-Bromofluorobenzene   | 81        |           | 70-130                 |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Lab Number:** L2326867

**Project Number:** 0205563

**Report Date:** 06/06/23

| <b>Parameter</b>                                                                                     | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>%Recovery<br/>Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD<br/>Limits</b> |
|------------------------------------------------------------------------------------------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|
| Gasoline Range Organics - Westborough Lab Associated sample(s): 05-08 Batch: WG1781361-2 WG1781361-3 |                          |             |                           |             |                             |            |             |                       |
| Gasoline Range Organics                                                                              | 87                       |             | 88                        |             | 80-120                      | 1          |             | 20                    |

| <b>Surrogate</b>       | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>Acceptance<br/>Criteria</b> |
|------------------------|--------------------------|-------------|---------------------------|-------------|--------------------------------|
| 1,1,1-Trifluorotoluene | 102                      |             | 105                       |             | 70-130                         |
| 4-Bromofluorobenzene   | 81                       |             | 83                        |             | 70-130                         |

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                                                      | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| Gasoline Range Organics - Westborough Lab Associated sample(s): 05-08 QC Batch ID: WG1781361-6 QC Sample: L2326867-05 Client ID: WC-A_GRAB_7-8 |               |          |          |              |      |           |               |      |                 |     |      |            |
| Gasoline Range Organics                                                                                                                        | 1300J         | 17400    | 16000    | 93           |      | -         | -             |      | 80-120          | -   |      | 20         |

| Surrogate              | MS % Recovery | MS Qualifier | MSD % Recovery | MSD Qualifier | Acceptance Criteria |
|------------------------|---------------|--------------|----------------|---------------|---------------------|
| 1,1,1-Trifluorotoluene | 106           |              |                |               | 70-130              |
| 4-Bromofluorobenzene   | 83            |              |                |               | 70-130              |



# Lab Duplicate Analysis

## Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2326867

Report Date: 06/06/23

| Parameter                                                                                                                                      | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|-------|-----|------|------------|
| Gasoline Range Organics - Westborough Lab Associated sample(s): 05-08 QC Batch ID: WG1781361-5 QC Sample: L2326867-05 Client ID: WC-A_GRAB_7-8 |               |                  |       |     |      |            |
| Gasoline Range Organics                                                                                                                        | 1300J         | 1400J            | ug/kg | NC  |      | 20         |

| Surrogate              | %Recovery | Qualifier | %Recovery | Qualifier | Acceptance Criteria |
|------------------------|-----------|-----------|-----------|-----------|---------------------|
| 1,1,1-Trifluorotoluene | 106       |           | 110       |           | 70-130              |
| 4-Bromofluorobenzene   | 84        |           | 90        |           | 70-130              |

# PCBS

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-01  
 Client ID: WC-C\_COMP\_0-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:00  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/19/23 15:49  
 Analyst: AD  
 Percent Solids: 87%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 05:35  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 54.1 | 4.81 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 54.1 | 5.42 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 54.1 | 11.5 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 54.1 | 7.30 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 54.1 | 8.12 | 1               | A      |
| Aroclor 1254                                      | 33.2   | J         | ug/kg | 54.1 | 5.92 | 1               | B      |
| Aroclor 1260                                      | 17.3   | J         | ug/kg | 54.1 | 10.0 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 54.1 | 6.87 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 54.1 | 5.61 | 1               | A      |
| PCBs, Total                                       | 50.5   | J         | ug/kg | 54.1 | 4.81 | 1               | B      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 67         |           | 30-150              | A      |
| Decachlorobiphenyl           | 71         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 70         |           | 30-150              | B      |
| Decachlorobiphenyl           | 79         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-02  
**Client ID:** WC-C\_COMP\_4-8  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 15:05  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/19/23 15:57  
**Analyst:** AD  
**Percent Solids:** 85%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/19/23 05:35  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/19/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 55.4 | 4.92 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 55.4 | 5.55 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 55.4 | 11.7 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 55.4 | 7.47 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 55.4 | 8.31 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 55.4 | 6.06 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 55.4 | 10.2 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 55.4 | 7.04 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 55.4 | 5.74 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 55.4 | 4.92 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 69         |           | 30-150              | A      |
| Decachlorobiphenyl           | 66         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 75         |           | 30-150              | B      |
| Decachlorobiphenyl           | 68         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-03  
**Client ID:** WC-C\_COMP\_8-12  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 15:10  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/19/23 16:05  
**Analyst:** AD  
**Percent Solids:** 91%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/19/23 05:35  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/19/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 50.9 | 4.52 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 50.9 | 5.10 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 50.9 | 10.8 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 50.9 | 6.86 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 50.9 | 7.63 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 50.9 | 5.57 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 50.9 | 9.40 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 50.9 | 6.46 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 50.9 | 5.27 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 50.9 | 4.52 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 70         |           | 30-150              | A      |
| Decachlorobiphenyl           | 68         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 75         |           | 30-150              | B      |
| Decachlorobiphenyl           | 71         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-04  
 Client ID: WC-C\_COMP\_12-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:15  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/19/23 16:13  
 Analyst: AD  
 Percent Solids: 94%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 05:35  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 52.6 | 4.67 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 52.6 | 5.27 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 52.6 | 11.1 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 52.6 | 7.08 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 52.6 | 7.88 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 52.6 | 5.75 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 52.6 | 9.71 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 52.6 | 6.67 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 52.6 | 5.44 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 52.6 | 4.67 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 61         |           | 30-150              | A      |
| Decachlorobiphenyl           | 62         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 65         |           | 30-150              | B      |
| Decachlorobiphenyl           | 63         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-12  
 Client ID: SRI-03\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 09:15  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/16/23 12:42  
 Analyst: MEO  
 Percent Solids: 93%

Extraction Method: EPA 3546  
 Extraction Date: 05/16/23 04:13  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/16/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/16/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 52.0 | 4.62 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 52.0 | 5.21 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 52.0 | 11.0 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 52.0 | 7.01 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 52.0 | 7.80 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 52.0 | 5.69 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 52.0 | 9.60 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 52.0 | 6.60 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 52.0 | 5.38 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 52.0 | 4.62 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 96         |           | 30-150              | A      |
| Decachlorobiphenyl           | 88         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 100        |           | 30-150              | B      |
| Decachlorobiphenyl           | 100        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-15  
**Client ID:** SRI-04\_14-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 11:00  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/16/23 13:07  
**Analyst:** MEO  
**Percent Solids:** 90%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/16/23 04:13  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/16/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/16/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 51.9 | 4.60 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 51.9 | 5.20 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 51.9 | 11.0 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 51.9 | 6.99 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 51.9 | 7.78 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 51.9 | 5.67 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 51.9 | 9.58 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 51.9 | 6.59 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 51.9 | 5.37 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 51.9 | 4.60 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 105        |           | 30-150              | A      |
| Decachlorobiphenyl           | 98         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 111        |           | 30-150              | B      |
| Decachlorobiphenyl           | 113        |           | 30-150              | B      |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-16  
**Client ID:** SRI-04\_20-22  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 11:05  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/16/23 13:16  
**Analyst:** MEO  
**Percent Solids:** 91%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/16/23 04:13  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/16/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/16/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 51.1 | 4.54 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 51.1 | 5.12 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 51.1 | 10.8 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 51.1 | 6.89 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 51.1 | 7.66 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 51.1 | 5.59 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 51.1 | 9.44 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 51.1 | 6.49 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 51.1 | 5.29 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 51.1 | 4.54 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 93         |           | 30-150              | A      |
| Decachlorobiphenyl           | 86         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 95         |           | 30-150              | B      |
| Decachlorobiphenyl           | 96         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-22  
**Client ID:** FIELD BLANK  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 15:55  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Water  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/16/23 11:19  
**Analyst:** AKM

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/16/23 04:55  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/16/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/16/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Aroclor 1016                                      | ND     |           | ug/l  | 0.071 | 0.061 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/l  | 0.071 | 0.061 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/l  | 0.071 | 0.061 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/l  | 0.071 | 0.061 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/l  | 0.071 | 0.061 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/l  | 0.071 | 0.061 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/l  | 0.071 | 0.061 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/l  | 0.071 | 0.061 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/l  | 0.071 | 0.061 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/l  | 0.071 | 0.061 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 84         |           | 30-150              | A      |
| Decachlorobiphenyl           | 54         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 69         |           | 30-150              | B      |
| Decachlorobiphenyl           | 48         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8082A  
**Analytical Date:** 05/15/23 18:51  
**Analyst:** JM

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/15/23 11:05  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/15/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/15/23

| Parameter                                                                                    | Result | Qualifier | Units | RL   | MDL  | Column |
|----------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 12,15-16 Batch: WG1779037-1 |        |           |       |      |      |        |
| Aroclor 1016                                                                                 | ND     |           | ug/kg | 48.2 | 4.28 | A      |
| Aroclor 1221                                                                                 | ND     |           | ug/kg | 48.2 | 4.83 | A      |
| Aroclor 1232                                                                                 | ND     |           | ug/kg | 48.2 | 10.2 | A      |
| Aroclor 1242                                                                                 | ND     |           | ug/kg | 48.2 | 6.50 | A      |
| Aroclor 1248                                                                                 | ND     |           | ug/kg | 48.2 | 7.23 | A      |
| Aroclor 1254                                                                                 | ND     |           | ug/kg | 48.2 | 5.27 | A      |
| Aroclor 1260                                                                                 | ND     |           | ug/kg | 48.2 | 8.91 | A      |
| Aroclor 1262                                                                                 | ND     |           | ug/kg | 48.2 | 6.12 | A      |
| Aroclor 1268                                                                                 | ND     |           | ug/kg | 48.2 | 5.00 | A      |
| PCBs, Total                                                                                  | ND     |           | ug/kg | 48.2 | 4.28 | A      |

| Surrogate                    | %Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|-----------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 59        |           | 30-150              | A      |
| Decachlorobiphenyl           | 47        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 60        |           | 30-150              | B      |
| Decachlorobiphenyl           | 52        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8082A  
**Analytical Date:** 05/16/23 10:51  
**Analyst:** AKM

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/15/23 19:32  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/16/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/16/23

| Parameter                                                                              | Result | Qualifier | Units | RL    | MDL   | Column |
|----------------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 22 Batch: WG1779206-1 |        |           |       |       |       |        |
| Aroclor 1016                                                                           | ND     |           | ug/l  | 0.071 | 0.061 | A      |
| Aroclor 1221                                                                           | ND     |           | ug/l  | 0.071 | 0.061 | A      |
| Aroclor 1232                                                                           | ND     |           | ug/l  | 0.071 | 0.061 | A      |
| Aroclor 1242                                                                           | ND     |           | ug/l  | 0.071 | 0.061 | A      |
| Aroclor 1248                                                                           | ND     |           | ug/l  | 0.071 | 0.061 | A      |
| Aroclor 1254                                                                           | ND     |           | ug/l  | 0.071 | 0.061 | A      |
| Aroclor 1260                                                                           | ND     |           | ug/l  | 0.071 | 0.061 | A      |
| Aroclor 1262                                                                           | ND     |           | ug/l  | 0.071 | 0.061 | A      |
| Aroclor 1268                                                                           | ND     |           | ug/l  | 0.071 | 0.061 | A      |
| PCBs, Total                                                                            | ND     |           | ug/l  | 0.071 | 0.061 | A      |

| Surrogate                    | %Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|-----------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 82        |           | 30-150              | A      |
| Decachlorobiphenyl           | 94        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 67        |           | 30-150              | B      |
| Decachlorobiphenyl           | 79        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8082A  
**Analytical Date:** 05/19/23 15:26  
**Analyst:** AD

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/19/23 05:35  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/19/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/19/23

| Parameter                                                                                 | Result | Qualifier | Units | RL   | MDL  | Column |
|-------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1780822-1 |        |           |       |      |      |        |
| Aroclor 1016                                                                              | ND     |           | ug/kg | 47.2 | 4.20 | A      |
| Aroclor 1221                                                                              | ND     |           | ug/kg | 47.2 | 4.74 | A      |
| Aroclor 1232                                                                              | ND     |           | ug/kg | 47.2 | 10.0 | A      |
| Aroclor 1242                                                                              | ND     |           | ug/kg | 47.2 | 6.37 | A      |
| Aroclor 1248                                                                              | ND     |           | ug/kg | 47.2 | 7.09 | A      |
| Aroclor 1254                                                                              | ND     |           | ug/kg | 47.2 | 5.17 | A      |
| Aroclor 1260                                                                              | ND     |           | ug/kg | 47.2 | 8.73 | A      |
| Aroclor 1262                                                                              | ND     |           | ug/kg | 47.2 | 6.00 | A      |
| Aroclor 1268                                                                              | ND     |           | ug/kg | 47.2 | 4.90 | A      |
| PCBs, Total                                                                               | ND     |           | ug/kg | 47.2 | 4.20 | A      |

| Surrogate                    | %Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|-----------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 89        |           | 30-150              | A      |
| Decachlorobiphenyl           | 83        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 95        |           | 30-150              | B      |
| Decachlorobiphenyl           | 86        |           | 30-150              | B      |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                       | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|-----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 12,15-16 Batch: WG1779037-2 WG1779037-3 |                  |      |                   |      |                     |     |      |               |        |
| Aroclor 1016                                                                                                    | 73               |      | 73                |      | 40-140              | 0   |      | 50            | A      |
| Aroclor 1260                                                                                                    | 66               |      | 64                |      | 40-140              | 3   |      | 50            | A      |

| Surrogate                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria | Column |
|------------------------------|------------------|------|-------------------|------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 72               |      | 72                |      | 30-150                 | A      |
| Decachlorobiphenyl           | 58               |      | 57                |      | 30-150                 | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 74               |      | 71                |      | 30-150                 | B      |
| Decachlorobiphenyl           | 67               |      | 64                |      | 30-150                 | B      |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Lab Number:** L2326867

**Project Number:** 0205563

**Report Date:** 06/06/23

| Parameter                                                                                                 | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|-----------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 22 Batch: WG1779206-2 WG1779206-3 |                  |      |                   |      |                     |     |      |               |        |
| Aroclor 1016                                                                                              | 77               |      | 106               |      | 40-140              | 31  |      | 50            | A      |
| Aroclor 1260                                                                                              | 69               |      | 100               |      | 40-140              | 37  |      | 50            | A      |

| Surrogate                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria | Column |
|------------------------------|------------------|------|-------------------|------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 76               |      | 104               |      | 30-150                 | A      |
| Decachlorobiphenyl           | 86               |      | 119               |      | 30-150                 | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 64               |      | 71                |      | 30-150                 | B      |
| Decachlorobiphenyl           | 75               |      | 84                |      | 30-150                 | B      |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|--------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1780822-2 WG1780822-3 |                  |      |                   |      |                     |     |      |               |        |
| Aroclor 1016                                                                                                 | 87               |      | 86                |      | 40-140              | 1   |      | 50            | A      |
| Aroclor 1260                                                                                                 | 81               |      | 81                |      | 40-140              | 0   |      | 50            | A      |

| Surrogate                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria | Column |
|------------------------------|------------------|------|-------------------|------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 88               |      | 87                |      | 30-150                 | A      |
| Decachlorobiphenyl           | 84               |      | 85                |      | 30-150                 | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 93               |      | 92                |      | 30-150                 | B      |
| Decachlorobiphenyl           | 86               |      | 87                |      | 30-150                 | B      |



# PESTICIDES

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-01  
 Client ID: WC-C\_COMP\_0-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:00  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/21/23 08:44  
 Analyst: EJL  
 Percent Solids: 87%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 05:37  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.81  | 0.355 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.755 | 0.338 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.755 | 0.214 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.81  | 0.687 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.906 | 0.406 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.81  | 0.638 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.40  | 1.02  | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.755 | 0.310 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.26  | 0.793 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.81  | 0.467 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.13  | 0.566 | 1               | A      |
| 4,4'-DDE                                          | 3.52   |           | ug/kg | 1.81  | 0.419 | 1               | A      |
| 4,4'-DDD                                          | 1.24   | J         | ug/kg | 1.81  | 0.646 | 1               | A      |
| 4,4'-DDT                                          | 20.8   |           | ug/kg | 1.81  | 1.46  | 1               | B      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.81  | 0.428 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.81  | 0.606 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.755 | 0.359 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.40  | 1.06  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 34.0  | 9.51  | 1               | A      |
| cis-Chlordane                                     | 2.45   |           | ug/kg | 2.26  | 0.631 | 1               | A      |
| trans-Chlordane                                   | 2.24   | JIP       | ug/kg | 2.26  | 0.598 | 1               | B      |
| Chlordane                                         | ND     |           | ug/kg | 15.1  | 6.00  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-01**Date Collected:** 05/15/23 15:00**Client ID:** WC-C\_COMP\_0-4**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 78         |           | 30-150              | A      |
| Decachlorobiphenyl           | 67         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 71         |           | 30-150              | B      |
| Decachlorobiphenyl           | 62         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-01  
**Client ID:** WC-C\_COMP\_0-4  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 15:00  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8151A  
**Analytical Date:** 05/17/23 20:02  
**Analyst:** AKM  
**Percent Solids:** 87%  
**Methylation Date:** 05/17/23 07:46

**Extraction Method:** EPA 8151A  
**Extraction Date:** 05/16/23 08:24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|-----------|--------|-----------|-------|----|-----|-----------------|--------|
|-----------|--------|-----------|-------|----|-----|-----------------|--------|

## Chlorinated Herbicides by GC - Westborough Lab

|                   |    |  |       |     |      |   |   |
|-------------------|----|--|-------|-----|------|---|---|
| 2,4-D             | ND |  | ug/kg | 187 | 11.8 | 1 | A |
| 2,4,5-T           | ND |  | ug/kg | 187 | 5.79 | 1 | A |
| 2,4,5-TP (Silvex) | ND |  | ug/kg | 187 | 4.97 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA      | 84         |           | 30-150              | A      |
| DCAA      | 82         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-02  
 Client ID: WC-C\_COMP\_4-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:05  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/21/23 08:56  
 Analyst: EJL  
 Percent Solids: 85%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 05:37  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.81  | 0.354 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.753 | 0.337 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.753 | 0.214 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.81  | 0.686 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.904 | 0.405 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.81  | 0.637 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.39  | 1.02  | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.753 | 0.309 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.26  | 0.791 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.81  | 0.466 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.13  | 0.565 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.81  | 0.418 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.81  | 0.645 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.81  | 1.45  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.81  | 0.427 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.81  | 0.604 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.753 | 0.359 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.39  | 1.05  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 33.9  | 9.49  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.26  | 0.630 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.26  | 0.597 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 15.1  | 5.99  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-02**Date Collected:** 05/15/23 15:05**Client ID:** WC-C\_COMP\_4-8**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 81         |           | 30-150              | A      |
| Decachlorobiphenyl           | 68         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 78         |           | 30-150              | B      |
| Decachlorobiphenyl           | 50         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-02  
**Client ID:** WC-C\_COMP\_4-8  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 15:05  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8151A  
**Analytical Date:** 05/17/23 20:20  
**Analyst:** AKM  
**Percent Solids:** 85%  
**Methylation Date:** 05/17/23 07:46

**Extraction Method:** EPA 8151A  
**Extraction Date:** 05/16/23 08:24

| Parameter                                      | Result | Qualifier | Units | RL  | MDL  | Dilution Factor | Column |
|------------------------------------------------|--------|-----------|-------|-----|------|-----------------|--------|
| Chlorinated Herbicides by GC - Westborough Lab |        |           |       |     |      |                 |        |
| 2,4-D                                          | ND     |           | ug/kg | 193 | 12.2 | 1               | A      |
| 2,4,5-T                                        | ND     |           | ug/kg | 193 | 5.98 | 1               | A      |
| 2,4,5-TP (Silvex)                              | ND     |           | ug/kg | 193 | 5.14 | 1               | A      |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA      | 89         |           | 30-150              | A      |
| DCAA      | 83         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-03  
 Client ID: WC-C\_COMP\_8-12  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:10  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/21/23 09:09  
 Analyst: EJL  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 05:37  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.67  | 0.328 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.697 | 0.312 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.697 | 0.198 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.67  | 0.634 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.836 | 0.375 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.67  | 0.589 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.14  | 0.941 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.697 | 0.286 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.09  | 0.732 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.67  | 0.431 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.04  | 0.523 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.67  | 0.387 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.67  | 0.596 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.67  | 1.34  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.67  | 0.395 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.67  | 0.559 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.697 | 0.332 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.14  | 0.976 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 31.4  | 8.78  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.09  | 0.582 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.09  | 0.552 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 13.9  | 5.54  | 1               | A      |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-03**Date Collected:** 05/15/23 15:10**Client ID:** WC-C\_COMP\_8-12**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 83         |           | 30-150              | A      |
| Decachlorobiphenyl           | 72         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 81         |           | 30-150              | B      |
| Decachlorobiphenyl           | 55         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-03  
**Client ID:** WC-C\_COMP\_8-12  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 15:10  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8151A  
**Analytical Date:** 05/17/23 20:39  
**Analyst:** AKM  
**Percent Solids:** 91%  
**Methylation Date:** 05/17/23 07:46

**Extraction Method:** EPA 8151A  
**Extraction Date:** 05/16/23 08:24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|-----------|--------|-----------|-------|----|-----|-----------------|--------|
|-----------|--------|-----------|-------|----|-----|-----------------|--------|

## Chlorinated Herbicides by GC - Westborough Lab

|                   |    |  |       |     |      |   |   |
|-------------------|----|--|-------|-----|------|---|---|
| 2,4-D             | ND |  | ug/kg | 180 | 11.4 | 1 | A |
| 2,4,5-T           | ND |  | ug/kg | 180 | 5.59 | 1 | A |
| 2,4,5-TP (Silvex) | ND |  | ug/kg | 180 | 4.80 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA      | 88         |           | 30-150              | A      |
| DCAA      | 86         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-04  
 Client ID: WC-C\_COMP\_12-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:15  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/21/23 09:21  
 Analyst: EJL  
 Percent Solids: 94%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 05:37  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.61  | 0.315 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.670 | 0.300 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.670 | 0.190 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.61  | 0.610 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.804 | 0.361 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.61  | 0.566 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.02  | 0.905 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.670 | 0.275 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.01  | 0.704 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.61  | 0.414 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.00  | 0.503 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.61  | 0.372 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.61  | 0.574 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.61  | 1.29  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.61  | 0.380 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.61  | 0.538 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.670 | 0.319 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.02  | 0.939 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 30.2  | 8.45  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.01  | 0.560 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.01  | 0.531 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 13.4  | 5.33  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-04**Date Collected:** 05/15/23 15:15**Client ID:** WC-C\_COMP\_12-16**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 78         |           | 30-150              | A      |
| Decachlorobiphenyl           | 66         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 76         |           | 30-150              | B      |
| Decachlorobiphenyl           | 51         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-04  
**Client ID:** WC-C\_COMP\_12-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 15:15  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8151A  
**Analytical Date:** 05/17/23 20:57  
**Analyst:** AKM  
**Percent Solids:** 94%  
**Methylation Date:** 05/17/23 07:46

**Extraction Method:** EPA 8151A  
**Extraction Date:** 05/16/23 08:24

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|-----------|--------|-----------|-------|----|-----|-----------------|--------|
|-----------|--------|-----------|-------|----|-----|-----------------|--------|

## Chlorinated Herbicides by GC - Westborough Lab

|                   |    |  |       |     |      |   |   |
|-------------------|----|--|-------|-----|------|---|---|
| 2,4-D             | ND |  | ug/kg | 176 | 11.1 | 1 | A |
| 2,4,5-T           | ND |  | ug/kg | 176 | 5.47 | 1 | A |
| 2,4,5-TP (Silvex) | ND |  | ug/kg | 176 | 4.69 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA      | 86         |           | 30-150              | A      |
| DCAA      | 82         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-12  
 Client ID: SRI-03\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 09:15  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/16/23 14:15  
 Analyst: MMG  
 Percent Solids: 93%

Extraction Method: EPA 3546  
 Extraction Date: 05/16/23 05:18  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/16/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/16/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.68  | 0.329 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.700 | 0.313 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.700 | 0.199 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.68  | 0.637 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.840 | 0.376 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.68  | 0.591 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.15  | 0.945 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.700 | 0.287 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.10  | 0.735 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.68  | 0.432 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.05  | 0.525 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.68  | 0.388 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.68  | 0.599 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.68  | 1.35  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.68  | 0.397 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.68  | 0.561 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.700 | 0.333 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.15  | 0.980 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 31.5  | 8.82  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.10  | 0.585 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.10  | 0.554 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.0  | 5.56  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-12**Date Collected:** 05/15/23 09:15**Client ID:** SRI-03\_14-16**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 88         |           | 30-150              | A      |
| Decachlorobiphenyl           | 130        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 92         |           | 30-150              | B      |
| Decachlorobiphenyl           | 134        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-15  
 Client ID: SRI-04\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 11:00  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/16/23 14:48  
 Analyst: MMG  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 05/16/23 05:18  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/16/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/16/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.74  | 0.342 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.727 | 0.325 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.727 | 0.206 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.74  | 0.661 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.872 | 0.391 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.74  | 0.614 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.27  | 0.981 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.727 | 0.298 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.18  | 0.763 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.74  | 0.449 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.09  | 0.545 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.74  | 0.403 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.74  | 0.622 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.74  | 1.40  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.74  | 0.412 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.74  | 0.583 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.727 | 0.346 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.27  | 1.02  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 32.7  | 9.16  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.18  | 0.608 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.18  | 0.576 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.5  | 5.78  | 1               | A      |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-15**Date Collected:** 05/15/23 11:00**Client ID:** SRI-04\_14-16**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 91         |           | 30-150              | A      |
| Decachlorobiphenyl           | 134        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 92         |           | 30-150              | B      |
| Decachlorobiphenyl           | 126        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-16  
 Client ID: SRI-04\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 11:05  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/16/23 14:59  
 Analyst: MMG  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 05/16/23 05:18  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/16/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/16/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.69  | 0.332 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.706 | 0.316 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.706 | 0.200 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.69  | 0.643 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.847 | 0.380 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.69  | 0.597 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.18  | 0.953 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.706 | 0.290 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.12  | 0.741 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.69  | 0.436 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.06  | 0.530 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.69  | 0.392 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.69  | 0.604 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.69  | 1.36  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.69  | 0.400 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.69  | 0.566 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.706 | 0.336 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.18  | 0.989 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 31.8  | 8.90  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.12  | 0.590 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.12  | 0.559 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.1  | 5.61  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-16**Date Collected:** 05/15/23 11:05**Client ID:** SRI-04\_20-22**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 84         |           | 30-150              | A      |
| Decachlorobiphenyl           | 127        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 83         |           | 30-150              | B      |
| Decachlorobiphenyl           | 125        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-22  
 Client ID: FIELD BLANK  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:55  
 Date Received: 05/15/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8081B  
 Analytical Date: 05/16/23 17:04  
 Analyst: MMG

Extraction Method: EPA 3510C  
 Extraction Date: 05/16/23 05:42

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/l  | 0.014 | 0.003 | 1               | A      |
| Lindane                                           | ND     |           | ug/l  | 0.014 | 0.003 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/l  | 0.014 | 0.003 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/l  | 0.014 | 0.004 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/l  | 0.014 | 0.002 | 1               | A      |
| Aldrin                                            | ND     |           | ug/l  | 0.014 | 0.002 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/l  | 0.014 | 0.003 | 1               | A      |
| Endrin                                            | ND     |           | ug/l  | 0.029 | 0.003 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/l  | 0.029 | 0.006 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/l  | 0.029 | 0.003 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/l  | 0.029 | 0.003 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/l  | 0.029 | 0.003 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/l  | 0.029 | 0.003 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/l  | 0.029 | 0.003 | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/l  | 0.014 | 0.002 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/l  | 0.029 | 0.004 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/l  | 0.029 | 0.003 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/l  | 0.143 | 0.005 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/l  | 0.143 | 0.045 | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/l  | 0.014 | 0.005 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/l  | 0.014 | 0.004 | 1               | A      |
| Chlordane                                         | ND     |           | ug/l  | 0.143 | 0.033 | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-22**Date Collected:** 05/15/23 15:55**Client ID:** FIELD BLANK**Date Received:** 05/15/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 84         |           | 30-150              | A      |
| Decachlorobiphenyl           | 84         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 80         |           | 30-150              | B      |
| Decachlorobiphenyl           | 82         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8081B  
**Analytical Date:** 05/16/23 13:42  
**Analyst:** MMG

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/16/23 05:18  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 05/16/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/16/23

| Parameter                                                                                    | Result | Qualifier | Units | RL    | MDL   | Column |
|----------------------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 12,15-16 Batch: WG1779276-1 |        |           |       |       |       |        |
| Delta-BHC                                                                                    | ND     |           | ug/kg | 1.54  | 0.301 | A      |
| Lindane                                                                                      | ND     |           | ug/kg | 0.640 | 0.286 | A      |
| Alpha-BHC                                                                                    | ND     |           | ug/kg | 0.640 | 0.182 | A      |
| Beta-BHC                                                                                     | ND     |           | ug/kg | 1.54  | 0.582 | A      |
| Heptachlor                                                                                   | ND     |           | ug/kg | 0.768 | 0.344 | A      |
| Aldrin                                                                                       | ND     |           | ug/kg | 1.54  | 0.541 | A      |
| Heptachlor epoxide                                                                           | ND     |           | ug/kg | 2.88  | 0.864 | A      |
| Endrin                                                                                       | ND     |           | ug/kg | 0.640 | 0.262 | A      |
| Endrin aldehyde                                                                              | ND     |           | ug/kg | 1.92  | 0.672 | A      |
| Endrin ketone                                                                                | ND     |           | ug/kg | 1.54  | 0.395 | A      |
| Dieldrin                                                                                     | ND     |           | ug/kg | 0.960 | 0.480 | A      |
| 4,4'-DDE                                                                                     | ND     |           | ug/kg | 1.54  | 0.355 | A      |
| 4,4'-DDD                                                                                     | ND     |           | ug/kg | 1.54  | 0.548 | A      |
| 4,4'-DDT                                                                                     | ND     |           | ug/kg | 1.54  | 1.23  | A      |
| Endosulfan I                                                                                 | ND     |           | ug/kg | 1.54  | 0.363 | A      |
| Endosulfan II                                                                                | ND     |           | ug/kg | 1.54  | 0.513 | A      |
| Endosulfan sulfate                                                                           | ND     |           | ug/kg | 0.640 | 0.304 | A      |
| Methoxychlor                                                                                 | ND     |           | ug/kg | 2.88  | 0.896 | A      |
| Toxaphene                                                                                    | ND     |           | ug/kg | 28.8  | 8.06  | A      |
| cis-Chlordane                                                                                | ND     |           | ug/kg | 1.92  | 0.535 | A      |
| trans-Chlordane                                                                              | ND     |           | ug/kg | 1.92  | 0.507 | A      |
| Chlordane                                                                                    | ND     |           | ug/kg | 12.8  | 5.09  | A      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
 Analytical Date: 05/16/23 13:42  
 Analyst: MMG

Extraction Method: EPA 3546  
 Extraction Date: 05/16/23 05:18  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/16/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/16/23

| Parameter                                                                                    | Result | Qualifier | Units | RL | MDL | Column |
|----------------------------------------------------------------------------------------------|--------|-----------|-------|----|-----|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 12,15-16 Batch: WG1779276-1 |        |           |       |    |     |        |

| Surrogate                    | %Recovery | Qualifier | Acceptance |        |
|------------------------------|-----------|-----------|------------|--------|
|                              |           |           | Criteria   | Column |
| 2,4,5,6-Tetrachloro-m-xylene | 83        |           | 30-150     | A      |
| Decachlorobiphenyl           | 124       |           | 30-150     | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 86        |           | 30-150     | B      |
| Decachlorobiphenyl           | 126       |           | 30-150     | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8081B  
**Analytical Date:** 05/16/23 16:31  
**Analyst:** MMG

**Extraction Method:** EPA 3510C  
**Extraction Date:** 05/16/23 05:42

| Parameter                                                                              | Result | Qualifier | Units | RL    | MDL   | Column |
|----------------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 22 Batch: WG1779280-1 |        |           |       |       |       |        |
| Delta-BHC                                                                              | ND     |           | ug/l  | 0.014 | 0.003 | A      |
| Lindane                                                                                | ND     |           | ug/l  | 0.014 | 0.003 | A      |
| Alpha-BHC                                                                              | ND     |           | ug/l  | 0.014 | 0.003 | A      |
| Beta-BHC                                                                               | ND     |           | ug/l  | 0.014 | 0.004 | A      |
| Heptachlor                                                                             | ND     |           | ug/l  | 0.014 | 0.002 | A      |
| Aldrin                                                                                 | ND     |           | ug/l  | 0.014 | 0.002 | A      |
| Heptachlor epoxide                                                                     | ND     |           | ug/l  | 0.014 | 0.003 | A      |
| Endrin                                                                                 | ND     |           | ug/l  | 0.029 | 0.003 | A      |
| Endrin aldehyde                                                                        | ND     |           | ug/l  | 0.029 | 0.006 | A      |
| Endrin ketone                                                                          | ND     |           | ug/l  | 0.029 | 0.003 | A      |
| Dieldrin                                                                               | ND     |           | ug/l  | 0.029 | 0.003 | A      |
| 4,4'-DDE                                                                               | ND     |           | ug/l  | 0.029 | 0.003 | A      |
| 4,4'-DDD                                                                               | ND     |           | ug/l  | 0.029 | 0.003 | A      |
| 4,4'-DDT                                                                               | ND     |           | ug/l  | 0.029 | 0.003 | A      |
| Endosulfan I                                                                           | ND     |           | ug/l  | 0.014 | 0.002 | A      |
| Endosulfan II                                                                          | ND     |           | ug/l  | 0.029 | 0.004 | A      |
| Endosulfan sulfate                                                                     | ND     |           | ug/l  | 0.029 | 0.003 | A      |
| Methoxychlor                                                                           | ND     |           | ug/l  | 0.143 | 0.005 | A      |
| Toxaphene                                                                              | ND     |           | ug/l  | 0.143 | 0.045 | A      |
| cis-Chlordane                                                                          | ND     |           | ug/l  | 0.014 | 0.005 | A      |
| trans-Chlordane                                                                        | ND     |           | ug/l  | 0.014 | 0.004 | A      |
| Chlordane                                                                              | ND     |           | ug/l  | 0.143 | 0.033 | A      |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
 Analytical Date: 05/16/23 16:31  
 Analyst: MMG

Extraction Method: EPA 3510C  
 Extraction Date: 05/16/23 05:42

| Parameter                                                                              | Result | Qualifier | Units | RL | MDL | Column |
|----------------------------------------------------------------------------------------|--------|-----------|-------|----|-----|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 22 Batch: WG1779280-1 |        |           |       |    |     |        |

| Surrogate                    | %Recovery | Qualifier | Acceptance<br>Criteria | Column |
|------------------------------|-----------|-----------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 87        |           | 30-150                 | A      |
| Decachlorobiphenyl           | 120       |           | 30-150                 | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 84        |           | 30-150                 | B      |
| Decachlorobiphenyl           | 113       |           | 30-150                 | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8151A  
**Analytical Date:** 05/17/23 18:48  
**Analyst:** AKM

**Extraction Method:** EPA 8151A  
**Extraction Date:** 05/15/23 19:58

**Methylation Date:** 05/17/23 07:46

| Parameter                                                                              | Result | Qualifier | Units | RL  | MDL  | Column |
|----------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|--------|
| Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1779403-1 |        |           |       |     |      |        |
| 2,4-D                                                                                  | ND     |           | ug/kg | 162 | 10.2 | A      |
| 2,4,5-T                                                                                | ND     |           | ug/kg | 162 | 5.01 | A      |
| 2,4,5-TP (Silvex)                                                                      | ND     |           | ug/kg | 162 | 4.30 | A      |

| Surrogate | %Recovery | Qualifier | Acceptance<br>Criteria | Column |
|-----------|-----------|-----------|------------------------|--------|
| DCAA      | 91        |           | 30-150                 | A      |
| DCAA      | 87        |           | 30-150                 | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8081B  
**Analytical Date:** 05/19/23 16:00  
**Analyst:** EJJ

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/18/23 20:43  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 05/19/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/19/23

| Parameter                                                                                 | Result | Qualifier | Units | RL    | MDL   | Column |
|-------------------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1780740-1 |        |           |       |       |       |        |
| Delta-BHC                                                                                 | ND     |           | ug/kg | 1.54  | 0.301 | A      |
| Lindane                                                                                   | ND     |           | ug/kg | 0.640 | 0.286 | A      |
| Alpha-BHC                                                                                 | ND     |           | ug/kg | 0.640 | 0.182 | A      |
| Beta-BHC                                                                                  | ND     |           | ug/kg | 1.54  | 0.582 | A      |
| Heptachlor                                                                                | ND     |           | ug/kg | 0.768 | 0.344 | A      |
| Aldrin                                                                                    | ND     |           | ug/kg | 1.54  | 0.541 | A      |
| Heptachlor epoxide                                                                        | ND     |           | ug/kg | 2.88  | 0.864 | A      |
| Endrin                                                                                    | ND     |           | ug/kg | 0.640 | 0.262 | A      |
| Endrin aldehyde                                                                           | ND     |           | ug/kg | 1.92  | 0.672 | A      |
| Endrin ketone                                                                             | ND     |           | ug/kg | 1.54  | 0.395 | A      |
| Dieldrin                                                                                  | ND     |           | ug/kg | 0.960 | 0.480 | A      |
| 4,4'-DDE                                                                                  | ND     |           | ug/kg | 1.54  | 0.355 | A      |
| 4,4'-DDD                                                                                  | ND     |           | ug/kg | 1.54  | 0.548 | A      |
| 4,4'-DDT                                                                                  | ND     |           | ug/kg | 1.54  | 1.23  | A      |
| Endosulfan I                                                                              | ND     |           | ug/kg | 1.54  | 0.363 | A      |
| Endosulfan II                                                                             | ND     |           | ug/kg | 1.54  | 0.513 | A      |
| Endosulfan sulfate                                                                        | ND     |           | ug/kg | 0.640 | 0.304 | A      |
| Methoxychlor                                                                              | ND     |           | ug/kg | 2.88  | 0.896 | A      |
| Toxaphene                                                                                 | ND     |           | ug/kg | 28.8  | 8.06  | A      |
| cis-Chlordane                                                                             | ND     |           | ug/kg | 1.92  | 0.535 | A      |
| trans-Chlordane                                                                           | ND     |           | ug/kg | 1.92  | 0.507 | A      |
| Chlordane                                                                                 | ND     |           | ug/kg | 12.8  | 5.09  | A      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
 Analytical Date: 05/19/23 16:00  
 Analyst: EJJ

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 20:43  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                                                                 | Result | Qualifier | Units | RL | MDL | Column |
|-------------------------------------------------------------------------------------------|--------|-----------|-------|----|-----|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1780740-1 |        |           |       |    |     |        |

| Surrogate                    | %Recovery | Qualifier | Acceptance<br>Criteria | Column |
|------------------------------|-----------|-----------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 86        |           | 30-150                 | A      |
| Decachlorobiphenyl           | 108       |           | 30-150                 | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 84        |           | 30-150                 | B      |
| Decachlorobiphenyl           | 111       |           | 30-150                 | B      |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                       | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|-----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 12,15-16 Batch: WG1779276-2 WG1779276-3 |                  |      |                   |      |                     |     |      |               |        |
| Delta-BHC                                                                                                       | 105              |      | 108               |      | 30-150              | 3   |      | 30            | A      |
| Lindane                                                                                                         | 94               |      | 95                |      | 30-150              | 1   |      | 30            | A      |
| Alpha-BHC                                                                                                       | 95               |      | 97                |      | 30-150              | 2   |      | 30            | A      |
| Beta-BHC                                                                                                        | 99               |      | 101               |      | 30-150              | 2   |      | 30            | A      |
| Heptachlor                                                                                                      | 97               |      | 107               |      | 30-150              | 10  |      | 30            | A      |
| Aldrin                                                                                                          | 93               |      | 95                |      | 30-150              | 2   |      | 30            | A      |
| Heptachlor epoxide                                                                                              | 79               |      | 79                |      | 30-150              | 0   |      | 30            | A      |
| Endrin                                                                                                          | 96               |      | 95                |      | 30-150              | 1   |      | 30            | A      |
| Endrin aldehyde                                                                                                 | 66               |      | 73                |      | 30-150              | 10  |      | 30            | A      |
| Endrin ketone                                                                                                   | 88               |      | 94                |      | 30-150              | 7   |      | 30            | A      |
| Dieldrin                                                                                                        | 103              |      | 102               |      | 30-150              | 1   |      | 30            | A      |
| 4,4'-DDE                                                                                                        | 95               |      | 95                |      | 30-150              | 0   |      | 30            | A      |
| 4,4'-DDD                                                                                                        | 106              |      | 104               |      | 30-150              | 2   |      | 30            | A      |
| 4,4'-DDT                                                                                                        | 103              |      | 100               |      | 30-150              | 3   |      | 30            | A      |
| Endosulfan I                                                                                                    | 90               |      | 91                |      | 30-150              | 1   |      | 30            | A      |
| Endosulfan II                                                                                                   | 95               |      | 96                |      | 30-150              | 1   |      | 30            | A      |
| Endosulfan sulfate                                                                                              | 67               |      | 75                |      | 30-150              | 11  |      | 30            | A      |
| Methoxychlor                                                                                                    | 101              |      | 100               |      | 30-150              | 1   |      | 30            | A      |
| cis-Chlordane                                                                                                   | 90               |      | 90                |      | 30-150              | 0   |      | 30            | A      |
| trans-Chlordane                                                                                                 | 96               |      | 96                |      | 30-150              | 0   |      | 30            | A      |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| <b>Parameter</b>                                                                                                | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>%Recovery<br/>Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD<br/>Limits</b> |
|-----------------------------------------------------------------------------------------------------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 12,15-16 Batch: WG1779276-2 WG1779276-3 |                          |             |                           |             |                             |            |             |                       |

| <b>Surrogate</b>             | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>Acceptance<br/>Criteria</b> | <b>Column</b> |
|------------------------------|--------------------------|-------------|---------------------------|-------------|--------------------------------|---------------|
| 2,4,5,6-Tetrachloro-m-xylene | 85                       |             | 80                        |             | 30-150                         | A             |
| Decachlorobiphenyl           | 129                      |             | 117                       |             | 30-150                         | A             |
| 2,4,5,6-Tetrachloro-m-xylene | 86                       |             | 80                        |             | 30-150                         | B             |
| Decachlorobiphenyl           | 129                      |             | 116                       |             | 30-150                         | B             |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                 | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|-----------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 22 Batch: WG1779280-2 WG1779280-3 |                  |      |                   |      |                     |     |      |               |        |
| Delta-BHC                                                                                                 | 98               |      | 86                |      | 30-150              | 13  |      | 20            | A      |
| Lindane                                                                                                   | 98               |      | 87                |      | 30-150              | 11  |      | 20            | A      |
| Alpha-BHC                                                                                                 | 103              |      | 95                |      | 30-150              | 8   |      | 20            | A      |
| Beta-BHC                                                                                                  | 102              |      | 97                |      | 30-150              | 5   |      | 20            | A      |
| Heptachlor                                                                                                | 101              |      | 89                |      | 30-150              | 13  |      | 20            | A      |
| Aldrin                                                                                                    | 95               |      | 85                |      | 30-150              | 11  |      | 20            | A      |
| Heptachlor epoxide                                                                                        | 97               |      | 86                |      | 30-150              | 12  |      | 20            | A      |
| Endrin                                                                                                    | 97               |      | 85                |      | 30-150              | 13  |      | 20            | A      |
| Endrin aldehyde                                                                                           | 90               |      | 80                |      | 30-150              | 12  |      | 20            | A      |
| Endrin ketone                                                                                             | 111              |      | 97                |      | 30-150              | 13  |      | 20            | A      |
| Dieldrin                                                                                                  | 106              |      | 93                |      | 30-150              | 13  |      | 20            | A      |
| 4,4'-DDE                                                                                                  | 97               |      | 86                |      | 30-150              | 12  |      | 20            | A      |
| 4,4'-DDD                                                                                                  | 109              |      | 96                |      | 30-150              | 13  |      | 20            | A      |
| 4,4'-DDT                                                                                                  | 105              |      | 92                |      | 30-150              | 13  |      | 20            | A      |
| Endosulfan I                                                                                              | 98               |      | 87                |      | 30-150              | 12  |      | 20            | A      |
| Endosulfan II                                                                                             | 102              |      | 89                |      | 30-150              | 13  |      | 20            | A      |
| Endosulfan sulfate                                                                                        | 100              |      | 87                |      | 30-150              | 14  |      | 20            | A      |
| Methoxychlor                                                                                              | 111              |      | 96                |      | 30-150              | 15  |      | 20            | A      |
| cis-Chlordane                                                                                             | 93               |      | 83                |      | 30-150              | 11  |      | 20            | A      |
| trans-Chlordane                                                                                           | 104              |      | 94                |      | 30-150              | 10  |      | 20            | A      |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| <b>Parameter</b> | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>%Recovery<br/>Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD<br/>Limits</b> |
|------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|
|------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 22 Batch: WG1779280-2 WG1779280-3

| <b>Surrogate</b>             | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>Acceptance<br/>Criteria</b> | <b>Column</b> |
|------------------------------|--------------------------|-------------|---------------------------|-------------|--------------------------------|---------------|
| 2,4,5,6-Tetrachloro-m-xylene | 90                       |             | 78                        |             | 30-150                         | A             |
| Decachlorobiphenyl           | 121                      |             | 103                       |             | 30-150                         | A             |
| 2,4,5,6-Tetrachloro-m-xylene | 87                       |             | 77                        |             | 30-150                         | B             |
| Decachlorobiphenyl           | 114                      |             | 97                        |             | 30-150                         | B             |



# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                 | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|-----------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1779403-2 WG1779403-3 |                  |      |                   |      |                     |     |      |               |        |
| 2,4-D                                                                                                     | 99               |      | 116               |      | 30-150              | 16  |      | 30            | A      |
| 2,4,5-T                                                                                                   | 85               |      | 102               |      | 30-150              | 18  |      | 30            | A      |
| 2,4,5-TP (Silvex)                                                                                         | 89               |      | 105               |      | 30-150              | 16  |      | 30            | A      |

| Surrogate | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria | Column |
|-----------|------------------|------|-------------------|------|------------------------|--------|
| DCAA      | 85               |      | 101               |      | 30-150                 | A      |
| DCAA      | 88               |      | 98                |      | 30-150                 | B      |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|--------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1780740-2 WG1780740-3 |                  |      |                   |      |                     |     |      |               |        |
| Delta-BHC                                                                                                    | 84               |      | 99                |      | 30-150              | 16  |      | 30            | A      |
| Lindane                                                                                                      | 78               |      | 94                |      | 30-150              | 19  |      | 30            | A      |
| Alpha-BHC                                                                                                    | 78               |      | 95                |      | 30-150              | 20  |      | 30            | A      |
| Beta-BHC                                                                                                     | 86               |      | 103               |      | 30-150              | 18  |      | 30            | A      |
| Heptachlor                                                                                                   | 72               |      | 89                |      | 30-150              | 21  |      | 30            | A      |
| Aldrin                                                                                                       | 77               |      | 92                |      | 30-150              | 18  |      | 30            | A      |
| Heptachlor epoxide                                                                                           | 70               |      | 84                |      | 30-150              | 18  |      | 30            | A      |
| Endrin                                                                                                       | 80               |      | 94                |      | 30-150              | 16  |      | 30            | A      |
| Endrin aldehyde                                                                                              | 64               |      | 74                |      | 30-150              | 14  |      | 30            | A      |
| Endrin ketone                                                                                                | 78               |      | 92                |      | 30-150              | 16  |      | 30            | A      |
| Dieldrin                                                                                                     | 84               |      | 100               |      | 30-150              | 17  |      | 30            | A      |
| 4,4'-DDE                                                                                                     | 80               |      | 94                |      | 30-150              | 16  |      | 30            | A      |
| 4,4'-DDD                                                                                                     | 86               |      | 101               |      | 30-150              | 16  |      | 30            | A      |
| 4,4'-DDT                                                                                                     | 79               |      | 94                |      | 30-150              | 17  |      | 30            | A      |
| Endosulfan I                                                                                                 | 76               |      | 90                |      | 30-150              | 17  |      | 30            | A      |
| Endosulfan II                                                                                                | 80               |      | 94                |      | 30-150              | 16  |      | 30            | A      |
| Endosulfan sulfate                                                                                           | 63               |      | 73                |      | 30-150              | 15  |      | 30            | A      |
| Methoxychlor                                                                                                 | 76               |      | 87                |      | 30-150              | 13  |      | 30            | A      |
| cis-Chlordane                                                                                                | 68               |      | 79                |      | 30-150              | 15  |      | 30            | A      |
| trans-Chlordane                                                                                              | 91               |      | 109               |      | 30-150              | 18  |      | 30            | A      |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| <b>Parameter</b> | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>%Recovery<br/>Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD<br/>Limits</b> |
|------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|
|------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1780740-2 WG1780740-3

| <b>Surrogate</b>             | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>Acceptance<br/>Criteria</b> | <b>Column</b> |
|------------------------------|--------------------------|-------------|---------------------------|-------------|--------------------------------|---------------|
| 2,4,5,6-Tetrachloro-m-xylene | 82                       |             | 93                        |             | 30-150                         | A             |
| Decachlorobiphenyl           | 102                      |             | 114                       |             | 30-150                         | A             |
| 2,4,5,6-Tetrachloro-m-xylene | 81                       |             | 91                        |             | 30-150                         | B             |
| Decachlorobiphenyl           | 105                      |             | 116                       |             | 30-150                         | B             |

## METALS

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-01

Date Collected: 05/15/23 15:00

Client ID: WC-C\_COMP\_0-4

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 87%

| Parameter                               | Result | Qualifier | Units | RL     | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------------------------------------|--------|-----------|-------|--------|--------|--------------------|------------------|------------------|----------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab |        |           |       |        |        |                    |                  |                  |                |                      |         |
| Arsenic, TCLP                           | ND     |           | mg/l  | 1.00   | 0.0190 | 1                  | 05/19/23 15:18   | 05/19/23 19:44   | EPA 3015       | 1,6010D              | MRC     |
| Barium, TCLP                            | 0.626  |           | mg/l  | 0.500  | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 19:44   | EPA 3015       | 1,6010D              | MRC     |
| Cadmium, TCLP                           | ND     |           | mg/l  | 0.100  | 0.0100 | 1                  | 05/19/23 15:18   | 05/19/23 19:44   | EPA 3015       | 1,6010D              | MRC     |
| Chromium, TCLP                          | ND     |           | mg/l  | 0.200  | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 19:44   | EPA 3015       | 1,6010D              | MRC     |
| Lead, TCLP                              | 0.129  | J         | mg/l  | 0.500  | 0.0270 | 1                  | 05/19/23 15:18   | 05/19/23 19:44   | EPA 3015       | 1,6010D              | MRC     |
| Mercury, TCLP                           | ND     |           | mg/l  | 0.0010 | 0.0005 | 1                  | 05/19/23 15:20   | 05/21/23 17:04   | EPA 7470A      | 1,7470A              | TAA     |
| Selenium, TCLP                          | ND     |           | mg/l  | 0.500  | 0.0350 | 1                  | 05/19/23 15:18   | 05/19/23 19:44   | EPA 3015       | 1,6010D              | MRC     |
| Silver, TCLP                            | ND     |           | mg/l  | 0.100  | 0.0280 | 1                  | 05/19/23 15:18   | 05/19/23 19:44   | EPA 3015       | 1,6010D              | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-01

Date Collected: 05/15/23 15:00

Client ID: WC-C\_COMP\_0-4

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 7680   |           | mg/kg | 8.88  | 2.40  | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Antimony, Total              | 0.502  | J         | mg/kg | 4.44  | 0.337 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Arsenic, Total               | 5.42   |           | mg/kg | 0.888 | 0.185 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Barium, Total                | 169    |           | mg/kg | 0.888 | 0.154 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Beryllium, Total             | 0.378  | J         | mg/kg | 0.444 | 0.029 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Cadmium, Total               | 1.27   |           | mg/kg | 0.888 | 0.087 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Calcium, Total               | 11100  |           | mg/kg | 8.88  | 3.11  | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Chromium, Total              | 20.5   |           | mg/kg | 0.888 | 0.085 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Cobalt, Total                | 6.06   |           | mg/kg | 1.78  | 0.147 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Copper, Total                | 72.2   |           | mg/kg | 0.888 | 0.229 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Iron, Total                  | 17600  |           | mg/kg | 4.44  | 0.802 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Lead, Total                  | 464    |           | mg/kg | 4.44  | 0.238 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Magnesium, Total             | 3420   |           | mg/kg | 8.88  | 1.37  | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Manganese, Total             | 234    |           | mg/kg | 0.888 | 0.141 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Mercury, Total               | 1.03   |           | mg/kg | 0.072 | 0.047 | 1               | 05/16/23 07:55 | 05/21/23 23:08 | EPA 7471B   | 1,7471B           | TAA     |
| Nickel, Total                | 16.6   |           | mg/kg | 2.22  | 0.215 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Potassium, Total             | 528    |           | mg/kg | 222   | 12.8  | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Selenium, Total              | 0.787  | J         | mg/kg | 1.78  | 0.229 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Silver, Total                | ND     |           | mg/kg | 0.444 | 0.251 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Sodium, Total                | 200    |           | mg/kg | 178   | 2.80  | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Thallium, Total              | ND     |           | mg/kg | 1.78  | 0.280 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Vanadium, Total              | 26.1   |           | mg/kg | 0.888 | 0.180 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |
| Zinc, Total                  | 630    |           | mg/kg | 4.44  | 0.260 | 2               | 05/16/23 07:25 | 05/19/23 12:37 | EPA 3050B   | 1,6010D           | JMF     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-02

Date Collected: 05/15/23 15:05

Client ID: WC-C\_COMP\_4-8

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 85%

| Parameter                               | Result | Qualifier | Units | RL     | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------------------------------------|--------|-----------|-------|--------|--------|--------------------|------------------|------------------|----------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab |        |           |       |        |        |                    |                  |                  |                |                      |         |
| Arsenic, TCLP                           | ND     |           | mg/l  | 1.00   | 0.0190 | 1                  | 05/19/23 15:18   | 05/19/23 20:10   | EPA 3015       | 1,6010D              | MRC     |
| Barium, TCLP                            | 0.280  | J         | mg/l  | 0.500  | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 20:10   | EPA 3015       | 1,6010D              | MRC     |
| Cadmium, TCLP                           | ND     |           | mg/l  | 0.100  | 0.0100 | 1                  | 05/19/23 15:18   | 05/19/23 20:10   | EPA 3015       | 1,6010D              | MRC     |
| Chromium, TCLP                          | ND     |           | mg/l  | 0.200  | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 20:10   | EPA 3015       | 1,6010D              | MRC     |
| Lead, TCLP                              | ND     |           | mg/l  | 0.500  | 0.0270 | 1                  | 05/19/23 15:18   | 05/19/23 20:10   | EPA 3015       | 1,6010D              | MRC     |
| Mercury, TCLP                           | ND     |           | mg/l  | 0.0010 | 0.0005 | 1                  | 05/19/23 15:20   | 05/21/23 17:07   | EPA 7470A      | 1,7470A              | TAA     |
| Selenium, TCLP                          | ND     |           | mg/l  | 0.500  | 0.0350 | 1                  | 05/19/23 15:18   | 05/19/23 20:10   | EPA 3015       | 1,6010D              | MRC     |
| Silver, TCLP                            | ND     |           | mg/l  | 0.100  | 0.0280 | 1                  | 05/19/23 15:18   | 05/19/23 20:10   | EPA 3015       | 1,6010D              | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-02

Date Collected: 05/15/23 15:05

Client ID: WC-C\_COMP\_4-8

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 6440   |           | mg/kg | 8.80  | 2.38  | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Antimony, Total              | ND     |           | mg/kg | 4.40  | 0.334 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Arsenic, Total               | 1.51   |           | mg/kg | 0.880 | 0.183 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Barium, Total                | 39.9   |           | mg/kg | 0.880 | 0.153 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Beryllium, Total             | 0.409  | J         | mg/kg | 0.440 | 0.029 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Cadmium, Total               | 0.466  | J         | mg/kg | 0.880 | 0.086 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Calcium, Total               | 993    |           | mg/kg | 8.80  | 3.08  | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Chromium, Total              | 16.3   |           | mg/kg | 0.880 | 0.085 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Cobalt, Total                | 5.72   |           | mg/kg | 1.76  | 0.146 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Copper, Total                | 18.9   |           | mg/kg | 0.880 | 0.227 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Iron, Total                  | 20600  |           | mg/kg | 4.40  | 0.795 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Lead, Total                  | 21.3   |           | mg/kg | 4.40  | 0.236 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Magnesium, Total             | 1500   |           | mg/kg | 8.80  | 1.36  | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Manganese, Total             | 300    |           | mg/kg | 0.880 | 0.140 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Mercury, Total               | 0.058  | J         | mg/kg | 0.074 | 0.049 | 1               | 05/16/23 07:55 | 05/21/23 23:11 | EPA 7471B   | 1,7471B           | TAA     |
| Nickel, Total                | 13.7   |           | mg/kg | 2.20  | 0.213 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Potassium, Total             | 590    |           | mg/kg | 220   | 12.7  | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Selenium, Total              | ND     |           | mg/kg | 1.76  | 0.227 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Silver, Total                | ND     |           | mg/kg | 0.440 | 0.249 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Sodium, Total                | 143    | J         | mg/kg | 176   | 2.77  | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Thallium, Total              | ND     |           | mg/kg | 1.76  | 0.277 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Vanadium, Total              | 29.5   |           | mg/kg | 0.880 | 0.179 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |
| Zinc, Total                  | 44.3   |           | mg/kg | 4.40  | 0.258 | 2               | 05/16/23 07:25 | 05/19/23 12:42 | EPA 3050B   | 1,6010D           | JMF     |





**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-03

Date Collected: 05/15/23 15:10

Client ID: WC-C\_COMP\_8-12

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 91%

| Parameter                               | Result | Qualifier | Units | RL     | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------------------------------------|--------|-----------|-------|--------|--------|--------------------|------------------|------------------|----------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab |        |           |       |        |        |                    |                  |                  |                |                      |         |
| Arsenic, TCLP                           | ND     |           | mg/l  | 1.00   | 0.0190 | 1                  | 05/19/23 15:18   | 05/19/23 20:13   | EPA 3015       | 1,6010D              | MRC     |
| Barium, TCLP                            | 0.213  | J         | mg/l  | 0.500  | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 20:13   | EPA 3015       | 1,6010D              | MRC     |
| Cadmium, TCLP                           | ND     |           | mg/l  | 0.100  | 0.0100 | 1                  | 05/19/23 15:18   | 05/19/23 20:13   | EPA 3015       | 1,6010D              | MRC     |
| Chromium, TCLP                          | ND     |           | mg/l  | 0.200  | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 20:13   | EPA 3015       | 1,6010D              | MRC     |
| Lead, TCLP                              | ND     |           | mg/l  | 0.500  | 0.0270 | 1                  | 05/19/23 15:18   | 05/19/23 20:13   | EPA 3015       | 1,6010D              | MRC     |
| Mercury, TCLP                           | ND     |           | mg/l  | 0.0010 | 0.0005 | 1                  | 05/19/23 15:20   | 05/21/23 17:10   | EPA 7470A      | 1,7470A              | TAA     |
| Selenium, TCLP                          | ND     |           | mg/l  | 0.500  | 0.0350 | 1                  | 05/19/23 15:18   | 05/19/23 20:13   | EPA 3015       | 1,6010D              | MRC     |
| Silver, TCLP                            | ND     |           | mg/l  | 0.100  | 0.0280 | 1                  | 05/19/23 15:18   | 05/19/23 20:13   | EPA 3015       | 1,6010D              | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-03

Date Collected: 05/15/23 15:10

Client ID: WC-C\_COMP\_8-12

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 5230   |           | mg/kg | 8.22  | 2.22  | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Antimony, Total              | ND     |           | mg/kg | 4.11  | 0.312 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Arsenic, Total               | 2.98   |           | mg/kg | 0.822 | 0.171 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Barium, Total                | 40.1   |           | mg/kg | 0.822 | 0.143 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Beryllium, Total             | 0.427  |           | mg/kg | 0.411 | 0.027 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Cadmium, Total               | 0.673  | J         | mg/kg | 0.822 | 0.081 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Calcium, Total               | 713    |           | mg/kg | 8.22  | 2.88  | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Chromium, Total              | 21.6   |           | mg/kg | 0.822 | 0.079 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Cobalt, Total                | 8.99   |           | mg/kg | 1.64  | 0.136 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Copper, Total                | 13.5   |           | mg/kg | 0.822 | 0.212 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Iron, Total                  | 28600  |           | mg/kg | 4.11  | 0.742 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Lead, Total                  | 14.3   |           | mg/kg | 4.11  | 0.220 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Magnesium, Total             | 1430   |           | mg/kg | 8.22  | 1.26  | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Manganese, Total             | 545    |           | mg/kg | 0.822 | 0.131 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Mercury, Total               | ND     |           | mg/kg | 0.069 | 0.045 | 1               | 05/16/23 07:55 | 05/21/23 23:14 | EPA 7471B   | 1,7471B           | TAA     |
| Nickel, Total                | 16.0   |           | mg/kg | 2.06  | 0.199 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Potassium, Total             | 623    |           | mg/kg | 206   | 11.8  | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Selenium, Total              | ND     |           | mg/kg | 1.64  | 0.212 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Silver, Total                | ND     |           | mg/kg | 0.411 | 0.233 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Sodium, Total                | 175    |           | mg/kg | 164   | 2.59  | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Thallium, Total              | ND     |           | mg/kg | 1.64  | 0.259 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Vanadium, Total              | 27.0   |           | mg/kg | 0.822 | 0.167 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |
| Zinc, Total                  | 52.6   |           | mg/kg | 4.11  | 0.241 | 2               | 05/16/23 07:25 | 05/19/23 12:46 | EPA 3050B   | 1,6010D           | JMF     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-04

Date Collected: 05/15/23 15:15

Client ID: WC-C\_COMP\_12-16

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 94%

| Parameter                               | Result | Qualifier | Units | RL     | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------------------------------------|--------|-----------|-------|--------|--------|--------------------|------------------|------------------|----------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab |        |           |       |        |        |                    |                  |                  |                |                      |         |
| Arsenic, TCLP                           | ND     |           | mg/l  | 1.00   | 0.0190 | 1                  | 05/19/23 15:18   | 05/19/23 20:16   | EPA 3015       | 1,6010D              | MRC     |
| Barium, TCLP                            | 0.226  | J         | mg/l  | 0.500  | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 20:16   | EPA 3015       | 1,6010D              | MRC     |
| Cadmium, TCLP                           | ND     |           | mg/l  | 0.100  | 0.0100 | 1                  | 05/19/23 15:18   | 05/19/23 20:16   | EPA 3015       | 1,6010D              | MRC     |
| Chromium, TCLP                          | ND     |           | mg/l  | 0.200  | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 20:16   | EPA 3015       | 1,6010D              | MRC     |
| Lead, TCLP                              | ND     |           | mg/l  | 0.500  | 0.0270 | 1                  | 05/19/23 15:18   | 05/19/23 20:16   | EPA 3015       | 1,6010D              | MRC     |
| Mercury, TCLP                           | ND     |           | mg/l  | 0.0010 | 0.0005 | 1                  | 05/19/23 15:20   | 05/21/23 17:21   | EPA 7470A      | 1,7470A              | TAA     |
| Selenium, TCLP                          | ND     |           | mg/l  | 0.500  | 0.0350 | 1                  | 05/19/23 15:18   | 05/19/23 20:16   | EPA 3015       | 1,6010D              | MRC     |
| Silver, TCLP                            | ND     |           | mg/l  | 0.100  | 0.0280 | 1                  | 05/19/23 15:18   | 05/19/23 20:16   | EPA 3015       | 1,6010D              | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-04

Date Collected: 05/15/23 15:15

Client ID: WC-C\_COMP\_12-16

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 3570   |           | mg/kg | 8.17  | 2.21  | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Antimony, Total              | ND     |           | mg/kg | 4.09  | 0.311 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Arsenic, Total               | 0.759  | J         | mg/kg | 0.817 | 0.170 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Barium, Total                | 26.7   |           | mg/kg | 0.817 | 0.142 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Beryllium, Total             | 0.266  | J         | mg/kg | 0.409 | 0.027 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Cadmium, Total               | 0.763  | J         | mg/kg | 0.817 | 0.080 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Calcium, Total               | 1250   |           | mg/kg | 8.17  | 2.86  | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Chromium, Total              | 11.3   |           | mg/kg | 0.817 | 0.079 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Cobalt, Total                | 5.32   |           | mg/kg | 1.63  | 0.136 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Copper, Total                | 9.88   |           | mg/kg | 0.817 | 0.211 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Iron, Total                  | 33700  |           | mg/kg | 4.09  | 0.738 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Lead, Total                  | 5.06   |           | mg/kg | 4.09  | 0.219 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Magnesium, Total             | 1350   |           | mg/kg | 8.17  | 1.26  | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Manganese, Total             | 521    |           | mg/kg | 0.817 | 0.130 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Mercury, Total               | ND     |           | mg/kg | 0.067 | 0.043 | 1               | 05/16/23 07:55 | 05/21/23 23:28 | EPA 7471B   | 1,7471B           | TAA     |
| Nickel, Total                | 11.0   |           | mg/kg | 2.04  | 0.198 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Potassium, Total             | 564    |           | mg/kg | 204   | 11.8  | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Selenium, Total              | 0.481  | J         | mg/kg | 1.63  | 0.211 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Silver, Total                | ND     |           | mg/kg | 0.409 | 0.231 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Sodium, Total                | 174    |           | mg/kg | 163   | 2.58  | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Thallium, Total              | ND     |           | mg/kg | 1.63  | 0.258 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Vanadium, Total              | 18.0   |           | mg/kg | 0.817 | 0.166 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |
| Zinc, Total                  | 23.6   |           | mg/kg | 4.09  | 0.240 | 2               | 05/16/23 07:25 | 05/19/23 12:51 | EPA 3050B   | 1,6010D           | JMF     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-09

Date Collected: 05/15/23 09:40

Client ID: P2\_SB02\_0-2

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 90%

| Parameter                               | Result | Qualifier | Units | RL    | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------------------------------------|--------|-----------|-------|-------|--------|--------------------|------------------|------------------|----------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab |        |           |       |       |        |                    |                  |                  |                |                      |         |
| Lead, TCLP                              | 1.01   |           | mg/l  | 0.500 | 0.0270 | 1                  | 05/19/23 15:18   | 05/19/23 20:19   | EPA 3015       | 1,6010D              | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-09

Date Collected: 05/15/23 09:40

Client ID: P2\_SB02\_0-2

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

| Parameter                    | Result | Qualifier | Units | RL   | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|------------------------------|--------|-----------|-------|------|-------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |      |       |                    |                  |                  |                |                      |         |
| Lead, Total                  | 191    |           | mg/kg | 2.16 | 0.116 | 1                  | 05/16/23 07:25   | 05/19/23 12:55   | EPA 3050B      | 1,6010D              | JMF     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-10

Date Collected: 05/15/23 12:55

Client ID: RI\_SB05\_0-0.5

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 87%

| Parameter                               | Result | Qualifier | Units | RL    | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------------------------------------|--------|-----------|-------|-------|--------|--------------------|------------------|------------------|----------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab |        |           |       |       |        |                    |                  |                  |                |                      |         |
| Lead, TCLP                              | ND     |           | mg/l  | 0.500 | 0.0270 | 1                  | 05/19/23 15:18   | 05/19/23 20:22   | EPA 3015       | 1,6010D              | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-10

Date Collected: 05/15/23 12:55

Client ID: RI\_SB05\_0-0.5

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

| Parameter                    | Result | Qualifier | Units | RL   | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|------------------------------|--------|-----------|-------|------|-------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |      |       |                    |                  |                  |                |                      |         |
| Lead, Total                  | 162    |           | mg/kg | 2.22 | 0.119 | 1                  | 05/16/23 07:25   | 05/19/23 13:00   | EPA 3050B      | 1,6010D              | JMF     |





**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-11

Date Collected: 05/15/23 13:10

Client ID: RI\_SB11\_0-0.5

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 89%

| Parameter                               | Result | Qualifier | Units | RL    | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------------------------------------|--------|-----------|-------|-------|--------|--------------------|------------------|------------------|----------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab |        |           |       |       |        |                    |                  |                  |                |                      |         |
| Lead, TCLP                              | ND     |           | mg/l  | 0.500 | 0.0270 | 1                  | 05/19/23 15:18   | 05/19/23 20:26   | EPA 3015       | 1,6010D              | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-11

Date Collected: 05/15/23 13:10

Client ID: RI\_SB11\_0-0.5

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

| Parameter                    | Result | Qualifier | Units | RL   | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|------------------------------|--------|-----------|-------|------|-------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |      |       |                    |                  |                  |                |                      |         |
| Lead, Total                  | 74.8   |           | mg/kg | 2.20 | 0.118 | 1                  | 05/16/23 07:25   | 05/19/23 13:04   | EPA 3050B      | 1,6010D              | JMF     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-12

Date Collected: 05/15/23 09:15

Client ID: SRI-03\_14-16

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 2920   |           | mg/kg | 8.31  | 2.24  | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | ND     |           | mg/kg | 4.15  | 0.316 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 1.20   |           | mg/kg | 0.831 | 0.173 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 14.1   |           | mg/kg | 0.831 | 0.144 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.156  | J         | mg/kg | 0.415 | 0.027 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | ND     |           | mg/kg | 0.831 | 0.081 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 1410   |           | mg/kg | 8.31  | 2.91  | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 11.0   |           | mg/kg | 0.831 | 0.080 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 4.71   |           | mg/kg | 1.66  | 0.138 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 8.68   |           | mg/kg | 0.831 | 0.214 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 21400  |           | mg/kg | 4.15  | 0.750 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 3.67   | J         | mg/kg | 4.15  | 0.223 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 1550   |           | mg/kg | 8.31  | 1.28  | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 368    |           | mg/kg | 0.831 | 0.132 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.069 | 0.045 | 1               | 05/16/23 07:55 | 05/16/23 10:04 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 9.95   |           | mg/kg | 2.08  | 0.201 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 586    |           | mg/kg | 208   | 12.0  | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.66  | 0.214 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.415 | 0.235 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 153    | J         | mg/kg | 166   | 2.62  | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | ND     |           | mg/kg | 1.66  | 0.262 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 20.7   |           | mg/kg | 0.831 | 0.169 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 22.5   |           | mg/kg | 4.15  | 0.243 | 2               | 05/16/23 07:25 | 05/16/23 16:23 | EPA 3050B   | 1,6010D           | DHL     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-15

Date Collected: 05/15/23 11:00

Client ID: SRI-04\_14-16

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 7280   |           | mg/kg | 8.51  | 2.30  | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | ND     |           | mg/kg | 4.26  | 0.323 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 7.39   |           | mg/kg | 0.851 | 0.177 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 19.5   |           | mg/kg | 0.851 | 0.148 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.575  |           | mg/kg | 0.426 | 0.028 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | ND     |           | mg/kg | 0.851 | 0.083 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 612    |           | mg/kg | 8.51  | 2.98  | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 19.6   |           | mg/kg | 0.851 | 0.082 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 5.03   |           | mg/kg | 1.70  | 0.141 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 14.0   |           | mg/kg | 0.851 | 0.220 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 19900  |           | mg/kg | 4.26  | 0.768 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 6.54   |           | mg/kg | 4.26  | 0.228 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 1420   |           | mg/kg | 8.51  | 1.31  | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 166    |           | mg/kg | 0.851 | 0.135 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.070 | 0.046 | 1               | 05/16/23 07:55 | 05/16/23 10:43 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 12.3   |           | mg/kg | 2.13  | 0.206 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 559    |           | mg/kg | 213   | 12.2  | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.70  | 0.220 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.426 | 0.241 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 129    | J         | mg/kg | 170   | 2.68  | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | ND     |           | mg/kg | 1.70  | 0.268 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 25.0   |           | mg/kg | 0.851 | 0.173 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 28.9   |           | mg/kg | 4.26  | 0.249 | 2               | 05/16/23 07:25 | 05/16/23 16:37 | EPA 3050B   | 1,6010D           | DHL     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-16

Date Collected: 05/15/23 11:05

Client ID: SRI-04\_20-22

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 6630   |           | mg/kg | 8.52  | 2.30  | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | ND     |           | mg/kg | 4.26  | 0.324 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 3.01   |           | mg/kg | 0.852 | 0.177 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 41.6   |           | mg/kg | 0.852 | 0.148 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.278  | J         | mg/kg | 0.426 | 0.028 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | ND     |           | mg/kg | 0.852 | 0.084 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 2030   |           | mg/kg | 8.52  | 2.98  | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 21.2   |           | mg/kg | 0.852 | 0.082 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 8.40   |           | mg/kg | 1.70  | 0.141 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 17.7   |           | mg/kg | 0.852 | 0.220 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 30400  |           | mg/kg | 4.26  | 0.770 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 7.86   |           | mg/kg | 4.26  | 0.228 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 2390   |           | mg/kg | 8.52  | 1.31  | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 728    |           | mg/kg | 0.852 | 0.136 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.071 | 0.046 | 1               | 05/16/23 07:55 | 05/16/23 10:53 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 19.2   |           | mg/kg | 2.13  | 0.206 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 1040   |           | mg/kg | 213   | 12.3  | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.70  | 0.220 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.426 | 0.241 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 345    |           | mg/kg | 170   | 2.68  | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | ND     |           | mg/kg | 1.70  | 0.268 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 26.7   |           | mg/kg | 0.852 | 0.173 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 35.5   |           | mg/kg | 4.26  | 0.250 | 2               | 05/16/23 07:25 | 05/16/23 15:27 | EPA 3050B   | 1,6010D           | DHL     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**SAMPLE RESULTS**

Lab ID: L2326867-23

Date Collected: 05/15/23 16:00

Client ID: FIELD BLANK

Date Received: 05/15/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

| Parameter                    | Result  | Qualifier | Units | RL      | MDL     | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|---------|-----------|-------|---------|---------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |         |           |       |         |         |                 |                |                |             |                   |         |
| Aluminum, Total              | ND      |           | mg/l  | 0.0100  | 0.00327 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Antimony, Total              | ND      |           | mg/l  | 0.00400 | 0.00042 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Arsenic, Total               | ND      |           | mg/l  | 0.00050 | 0.00016 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Barium, Total                | 0.00072 |           | mg/l  | 0.00050 | 0.00017 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Beryllium, Total             | ND      |           | mg/l  | 0.00050 | 0.00010 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Cadmium, Total               | ND      |           | mg/l  | 0.00020 | 0.00005 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Calcium, Total               | ND      |           | mg/l  | 0.100   | 0.0394  | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Chromium, Total              | ND      |           | mg/l  | 0.00100 | 0.00017 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Cobalt, Total                | ND      |           | mg/l  | 0.00050 | 0.00016 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Copper, Total                | 0.00070 | J         | mg/l  | 0.00100 | 0.00038 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Iron, Total                  | ND      |           | mg/l  | 0.0500  | 0.0191  | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Lead, Total                  | ND      |           | mg/l  | 0.00100 | 0.00034 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Magnesium, Total             | ND      |           | mg/l  | 0.0700  | 0.0242  | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Manganese, Total             | ND      |           | mg/l  | 0.00100 | 0.00044 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Mercury, Total               | ND      |           | mg/l  | 0.00020 | 0.00009 | 1               | 05/16/23 09:16 | 05/18/23 19:14 | EPA 7470A   | 1,7470A           | DMB     |
| Nickel, Total                | ND      |           | mg/l  | 0.00200 | 0.00055 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Potassium, Total             | ND      |           | mg/l  | 0.100   | 0.0309  | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Selenium, Total              | ND      |           | mg/l  | 0.00500 | 0.00173 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Silver, Total                | ND      |           | mg/l  | 0.00040 | 0.00016 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Sodium, Total                | 0.0640  | J         | mg/l  | 0.100   | 0.0293  | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Thallium, Total              | ND      |           | mg/l  | 0.00100 | 0.00014 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Vanadium, Total              | ND      |           | mg/l  | 0.00500 | 0.00157 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |
| Zinc, Total                  | ND      |           | mg/l  | 0.01000 | 0.00341 | 1               | 05/16/23 08:09 | 05/18/23 19:06 | EPA 3005A   | 1,6020B           | SMV     |



Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

## Method Blank Analysis Batch Quality Control

| Parameter                                                         | Result | Qualifier | Units | RL      | MDL     | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------------------------------------|--------|-----------|-------|---------|---------|--------------------|------------------|------------------|----------------------|---------|
| Total Metals - Mansfield Lab for sample(s): 23 Batch: WG1779284-1 |        |           |       |         |         |                    |                  |                  |                      |         |
| Aluminum, Total                                                   | ND     |           | mg/l  | 0.0100  | 0.00327 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Antimony, Total                                                   | ND     |           | mg/l  | 0.00400 | 0.00042 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Arsenic, Total                                                    | ND     |           | mg/l  | 0.00050 | 0.00016 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Barium, Total                                                     | ND     |           | mg/l  | 0.00050 | 0.00017 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Beryllium, Total                                                  | ND     |           | mg/l  | 0.00050 | 0.00010 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Cadmium, Total                                                    | ND     |           | mg/l  | 0.00020 | 0.00005 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Calcium, Total                                                    | ND     |           | mg/l  | 0.100   | 0.0394  | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Chromium, Total                                                   | ND     |           | mg/l  | 0.00100 | 0.00017 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Cobalt, Total                                                     | ND     |           | mg/l  | 0.00050 | 0.00016 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Copper, Total                                                     | ND     |           | mg/l  | 0.00100 | 0.00038 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Iron, Total                                                       | ND     |           | mg/l  | 0.0500  | 0.0191  | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Lead, Total                                                       | ND     |           | mg/l  | 0.00100 | 0.00034 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Magnesium, Total                                                  | ND     |           | mg/l  | 0.0700  | 0.0242  | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Manganese, Total                                                  | ND     |           | mg/l  | 0.00100 | 0.00044 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Nickel, Total                                                     | ND     |           | mg/l  | 0.00200 | 0.00055 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Potassium, Total                                                  | ND     |           | mg/l  | 0.100   | 0.0309  | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Selenium, Total                                                   | ND     |           | mg/l  | 0.00500 | 0.00173 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Silver, Total                                                     | ND     |           | mg/l  | 0.00040 | 0.00016 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Sodium, Total                                                     | ND     |           | mg/l  | 0.100   | 0.0293  | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Thallium, Total                                                   | ND     |           | mg/l  | 0.00100 | 0.00014 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Vanadium, Total                                                   | ND     |           | mg/l  | 0.00500 | 0.00157 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |
| Zinc, Total                                                       | ND     |           | mg/l  | 0.01000 | 0.00341 | 1                  | 05/16/23 08:09   | 05/18/23 18:56   | 1,6020B              | SMV     |

### Prep Information

Digestion Method: EPA 3005A

| Parameter                                                         | Result | Qualifier | Units | RL      | MDL     | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------------------------------------|--------|-----------|-------|---------|---------|--------------------|------------------|------------------|----------------------|---------|
| Total Metals - Mansfield Lab for sample(s): 23 Batch: WG1779288-1 |        |           |       |         |         |                    |                  |                  |                      |         |
| Mercury, Total                                                    | ND     |           | mg/l  | 0.00020 | 0.00009 | 1                  | 05/16/23 09:16   | 05/18/23 18:12   | 1,7470A              | DMB     |



Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

## Method Blank Analysis Batch Quality Control

### Prep Information

Digestion Method: EPA 7470A

| Parameter                                                                        | Result | Qualifier | Units | RL    | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|----------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------------------|------------------|------------------|----------------------|---------|
| Total Metals - Mansfield Lab for sample(s): 01-04,09-12,15-16 Batch: WG1779309-1 |        |           |       |       |       |                    |                  |                  |                      |         |
| Aluminum, Total                                                                  | ND     |           | mg/kg | 4.00  | 1.08  | 1                  | 05/16/23 07:25   | 05/16/23 15:56   | 1,6010D              | DHL     |
| Antimony, Total                                                                  | ND     |           | mg/kg | 2.00  | 0.152 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Arsenic, Total                                                                   | ND     |           | mg/kg | 0.400 | 0.083 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Barium, Total                                                                    | ND     |           | mg/kg | 0.400 | 0.070 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Beryllium, Total                                                                 | ND     |           | mg/kg | 0.200 | 0.013 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Cadmium, Total                                                                   | ND     |           | mg/kg | 0.400 | 0.039 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Calcium, Total                                                                   | ND     |           | mg/kg | 4.00  | 1.40  | 1                  | 05/16/23 07:25   | 05/16/23 15:56   | 1,6010D              | DHL     |
| Chromium, Total                                                                  | ND     |           | mg/kg | 0.400 | 0.038 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Cobalt, Total                                                                    | ND     |           | mg/kg | 0.800 | 0.066 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Copper, Total                                                                    | ND     |           | mg/kg | 0.400 | 0.103 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Iron, Total                                                                      | 0.642  | J         | mg/kg | 2.00  | 0.361 | 1                  | 05/16/23 07:25   | 05/16/23 15:56   | 1,6010D              | DHL     |
| Lead, Total                                                                      | ND     |           | mg/kg | 2.00  | 0.107 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Magnesium, Total                                                                 | ND     |           | mg/kg | 4.00  | 0.616 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Manganese, Total                                                                 | ND     |           | mg/kg | 0.400 | 0.064 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Nickel, Total                                                                    | ND     |           | mg/kg | 1.00  | 0.097 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Potassium, Total                                                                 | ND     |           | mg/kg | 100   | 5.76  | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Selenium, Total                                                                  | ND     |           | mg/kg | 0.800 | 0.103 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Silver, Total                                                                    | ND     |           | mg/kg | 0.200 | 0.113 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Sodium, Total                                                                    | 1.80   | J         | mg/kg | 80.0  | 1.26  | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Thallium, Total                                                                  | ND     |           | mg/kg | 0.800 | 0.126 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Vanadium, Total                                                                  | ND     |           | mg/kg | 0.400 | 0.081 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |
| Zinc, Total                                                                      | ND     |           | mg/kg | 2.00  | 0.117 | 1                  | 05/16/23 07:25   | 05/16/23 12:12   | 1,6010D              | AMW     |

### Prep Information

Digestion Method: EPA 3050B





**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

## Method Blank Analysis Batch Quality Control

| Parameter                                                                     | Result | Qualifier | Units | RL    | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------------------|------------------|------------------|----------------------|---------|
| Total Metals - Mansfield Lab for sample(s): 01-04,12,15-16 Batch: WG1779315-1 |        |           |       |       |       |                    |                  |                  |                      |         |
| Mercury, Total                                                                | ND     |           | mg/kg | 0.083 | 0.054 | 1                  | 05/16/23 07:55   | 05/16/23 09:57   | 1,7471B              | DMB     |

### Prep Information

Digestion Method: EPA 7471B

| Parameter                                                                             | Result | Qualifier | Units | RL    | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|---------------------------------------------------------------------------------------|--------|-----------|-------|-------|--------|--------------------|------------------|------------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-04,09-11 Batch: WG1780994-1 |        |           |       |       |        |                    |                  |                  |                      |         |
| Arsenic, TCLP                                                                         | ND     |           | mg/l  | 1.00  | 0.0190 | 1                  | 05/19/23 15:18   | 05/19/23 19:31   | 1,6010D              | MRC     |
| Barium, TCLP                                                                          | ND     |           | mg/l  | 0.500 | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 19:31   | 1,6010D              | MRC     |
| Cadmium, TCLP                                                                         | ND     |           | mg/l  | 0.100 | 0.0100 | 1                  | 05/19/23 15:18   | 05/19/23 19:31   | 1,6010D              | MRC     |
| Chromium, TCLP                                                                        | ND     |           | mg/l  | 0.200 | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 19:31   | 1,6010D              | MRC     |
| Lead, TCLP                                                                            | ND     |           | mg/l  | 0.500 | 0.0270 | 1                  | 05/19/23 15:18   | 05/19/23 19:31   | 1,6010D              | MRC     |
| Selenium, TCLP                                                                        | ND     |           | mg/l  | 0.500 | 0.0350 | 1                  | 05/19/23 15:18   | 05/19/23 19:31   | 1,6010D              | MRC     |
| Silver, TCLP                                                                          | ND     |           | mg/l  | 0.100 | 0.0280 | 1                  | 05/19/23 15:18   | 05/19/23 19:31   | 1,6010D              | MRC     |

### Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 05/18/23 08:30

| Parameter                                                                       | Result | Qualifier | Units | RL     | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|---------------------------------------------------------------------------------|--------|-----------|-------|--------|--------|--------------------|------------------|------------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-04 Batch: WG1780997-1 |        |           |       |        |        |                    |                  |                  |                      |         |
| Mercury, TCLP                                                                   | ND     |           | mg/l  | 0.0010 | 0.0005 | 1                  | 05/19/23 15:20   | 05/21/23 16:47   | 1,7470A              | TAA     |

### Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 05/18/23 08:30



# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD Limits |
|--------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 23 Batch: WG1779284-2 |                  |      |                   |      |                     |     |      |            |
| Aluminum, Total                                                          | 104              |      | -                 |      | 80-120              | -   |      |            |
| Antimony, Total                                                          | 93               |      | -                 |      | 80-120              | -   |      |            |
| Arsenic, Total                                                           | 104              |      | -                 |      | 80-120              | -   |      |            |
| Barium, Total                                                            | 102              |      | -                 |      | 80-120              | -   |      |            |
| Beryllium, Total                                                         | 103              |      | -                 |      | 80-120              | -   |      |            |
| Cadmium, Total                                                           | 105              |      | -                 |      | 80-120              | -   |      |            |
| Calcium, Total                                                           | 96               |      | -                 |      | 80-120              | -   |      |            |
| Chromium, Total                                                          | 98               |      | -                 |      | 80-120              | -   |      |            |
| Cobalt, Total                                                            | 97               |      | -                 |      | 80-120              | -   |      |            |
| Copper, Total                                                            | 100              |      | -                 |      | 80-120              | -   |      |            |
| Iron, Total                                                              | 100              |      | -                 |      | 80-120              | -   |      |            |
| Lead, Total                                                              | 107              |      | -                 |      | 80-120              | -   |      |            |
| Magnesium, Total                                                         | 100              |      | -                 |      | 80-120              | -   |      |            |
| Manganese, Total                                                         | 101              |      | -                 |      | 80-120              | -   |      |            |
| Nickel, Total                                                            | 98               |      | -                 |      | 80-120              | -   |      |            |
| Potassium, Total                                                         | 105              |      | -                 |      | 80-120              | -   |      |            |
| Selenium, Total                                                          | 104              |      | -                 |      | 80-120              | -   |      |            |
| Silver, Total                                                            | 107              |      | -                 |      | 80-120              | -   |      |            |
| Sodium, Total                                                            | 104              |      | -                 |      | 80-120              | -   |      |            |
| Thallium, Total                                                          | 104              |      | -                 |      | 80-120              | -   |      |            |
| Vanadium, Total                                                          | 98               |      | -                 |      | 80-120              | -   |      |            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                | LCS<br>%Recovery | LCSD<br>%Recovery | %Recovery<br>Limits | RPD | RPD Limits |
|--------------------------------------------------------------------------|------------------|-------------------|---------------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 23 Batch: WG1779284-2 |                  |                   |                     |     |            |
| Zinc, Total                                                              | 98               | -                 | 80-120              | -   |            |
| Total Metals - Mansfield Lab Associated sample(s): 23 Batch: WG1779288-2 |                  |                   |                     |     |            |
| Mercury, Total                                                           | 96               | -                 | 80-120              | -   |            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                        | LCS<br>%Recovery | LCSD<br>%Recovery | %Recovery<br>Limits | RPD | RPD Limits |
|------------------------------------------------------------------------------------------------------------------|------------------|-------------------|---------------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-04,09-12,15-16 Batch: WG1779309-2 SRM Lot Number: D119-540 |                  |                   |                     |     |            |
| Aluminum, Total                                                                                                  | 74               | -                 | 48-152              | -   |            |
| Antimony, Total                                                                                                  | 141              | -                 | 10-190              | -   |            |
| Arsenic, Total                                                                                                   | 97               | -                 | 83-117              | -   |            |
| Barium, Total                                                                                                    | 97               | -                 | 82-118              | -   |            |
| Beryllium, Total                                                                                                 | 98               | -                 | 83-117              | -   |            |
| Cadmium, Total                                                                                                   | 99               | -                 | 82-117              | -   |            |
| Calcium, Total                                                                                                   | 96               | -                 | 81-118              | -   |            |
| Chromium, Total                                                                                                  | 98               | -                 | 82-119              | -   |            |
| Cobalt, Total                                                                                                    | 100              | -                 | 83-117              | -   |            |
| Copper, Total                                                                                                    | 98               | -                 | 84-116              | -   |            |
| Iron, Total                                                                                                      | 86               | -                 | 60-140              | -   |            |
| Lead, Total                                                                                                      | 96               | -                 | 82-118              | -   |            |
| Magnesium, Total                                                                                                 | 91               | -                 | 76-124              | -   |            |
| Manganese, Total                                                                                                 | 99               | -                 | 82-118              | -   |            |
| Nickel, Total                                                                                                    | 98               | -                 | 82-117              | -   |            |
| Potassium, Total                                                                                                 | 90               | -                 | 70-130              | -   |            |
| Selenium, Total                                                                                                  | 99               | -                 | 79-121              | -   |            |
| Silver, Total                                                                                                    | 98               | -                 | 80-120              | -   |            |
| Sodium, Total                                                                                                    | 96               | -                 | 74-126              | -   |            |
| Thallium, Total                                                                                                  | 103              | -                 | 81-119              | -   |            |
| Vanadium, Total                                                                                                  | 96               | -                 | 79-121              | -   |            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                        | LCS<br>%Recovery | LCSD<br>%Recovery | %Recovery<br>Limits | RPD | RPD Limits |
|------------------------------------------------------------------------------------------------------------------|------------------|-------------------|---------------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-04,09-12,15-16 Batch: WG1779309-2 SRM Lot Number: D119-540 |                  |                   |                     |     |            |
| Zinc, Total                                                                                                      | 96               | -                 | 80-120              | -   |            |
| Total Metals - Mansfield Lab Associated sample(s): 01-04,12,15-16 Batch: WG1779315-2 SRM Lot Number: D119-540    |                  |                   |                     |     |            |
| Mercury, Total                                                                                                   | 94               | -                 | 73-127              | -   |            |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-04,09-11 Batch: WG1780994-2                     |                  |                   |                     |     |            |
| Arsenic, TCLP                                                                                                    | 95               | -                 | 75-125              | -   | 20         |
| Barium, TCLP                                                                                                     | 95               | -                 | 75-125              | -   | 20         |
| Cadmium, TCLP                                                                                                    | 95               | -                 | 75-125              | -   | 20         |
| Chromium, TCLP                                                                                                   | 94               | -                 | 75-125              | -   | 20         |
| Lead, TCLP                                                                                                       | 94               | -                 | 75-125              | -   | 20         |
| Selenium, TCLP                                                                                                   | 97               | -                 | 75-125              | -   | 20         |
| Silver, TCLP                                                                                                     | 93               | -                 | 75-125              | -   | 20         |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-04 Batch: WG1780997-2                           |                  |                   |                     |     |            |
| Mercury, TCLP                                                                                                    | 97               | -                 | 80-120              | -   |            |

# Matrix Spike Analysis

## Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2326867

Report Date: 06/06/23

| Parameter                                                                                                                                | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 23 QC Batch ID: WG1779284-11 WG1779284-12 QC Sample: L2325743-06 Client ID: MS Sample |               |          |          |              |      |           |               |      |                 |     |      |            |
| Aluminum, Total                                                                                                                          | ND            | 2        | 2.08     | 104          |      | 1.94      | 97            |      | 75-125          | 7   |      | 20         |
| Antimony, Total                                                                                                                          | ND            | 0.5      | 0.4658   | 93           |      | 0.4553    | 91            |      | 75-125          | 2   |      | 20         |
| Arsenic, Total                                                                                                                           | ND            | 0.12     | 0.1194   | 100          |      | 0.1181    | 98            |      | 75-125          | 1   |      | 20         |
| Barium, Total                                                                                                                            | 0.0005J       | 2        | 1.950    | 98           |      | 1.933     | 97            |      | 75-125          | 1   |      | 20         |
| Beryllium, Total                                                                                                                         | ND            | 0.05     | 0.05091  | 102          |      | 0.05064   | 101           |      | 75-125          | 1   |      | 20         |
| Cadmium, Total                                                                                                                           | ND            | 0.053    | 0.05145  | 97           |      | 0.05208   | 98            |      | 75-125          | 1   |      | 20         |
| Calcium, Total                                                                                                                           | 10.7          | 10       | 20.6     | 99           |      | 19.9      | 92            |      | 75-125          | 3   |      | 20         |
| Chromium, Total                                                                                                                          | 0.0003J       | 0.2      | 0.1899   | 95           |      | 0.1886    | 94            |      | 75-125          | 1   |      | 20         |
| Cobalt, Total                                                                                                                            | ND            | 0.5      | 0.4849   | 97           |      | 0.4775    | 96            |      | 75-125          | 2   |      | 20         |
| Copper, Total                                                                                                                            | ND            | 0.25     | 0.2455   | 98           |      | 0.2400    | 96            |      | 75-125          | 2   |      | 20         |
| Iron, Total                                                                                                                              | ND            | 1        | 0.953    | 95           |      | 0.931     | 93            |      | 75-125          | 2   |      | 20         |
| Lead, Total                                                                                                                              | ND            | 0.53     | 0.5095   | 96           |      | 0.5072    | 96            |      | 75-125          | 0   |      | 20         |
| Magnesium, Total                                                                                                                         | 3.61          | 10       | 14.2     | 106          |      | 13.9      | 103           |      | 75-125          | 2   |      | 20         |
| Manganese, Total                                                                                                                         | ND            | 0.5      | 0.4858   | 97           |      | 0.4802    | 96            |      | 75-125          | 1   |      | 20         |
| Nickel, Total                                                                                                                            | ND            | 0.5      | 0.4703   | 94           |      | 0.4615    | 92            |      | 75-125          | 2   |      | 20         |
| Potassium, Total                                                                                                                         | 0.453         | 10       | 10.3     | 98           |      | 10.0      | 95            |      | 75-125          | 3   |      | 20         |
| Selenium, Total                                                                                                                          | ND            | 0.12     | 0.124    | 103          |      | 0.124     | 103           |      | 75-125          | 0   |      | 20         |
| Silver, Total                                                                                                                            | ND            | 0.05     | 0.04880  | 98           |      | 0.04875   | 98            |      | 75-125          | 0   |      | 20         |
| Sodium, Total                                                                                                                            | 3.16          | 10       | 14.0     | 108          |      | 13.8      | 106           |      | 75-125          | 1   |      | 20         |
| Thallium, Total                                                                                                                          | ND            | 0.12     | 0.1011   | 84           |      | 0.1020    | 85            |      | 75-125          | 1   |      | 20         |
| Vanadium, Total                                                                                                                          | ND            | 0.5      | 0.4750   | 95           |      | 0.4681    | 94            |      | 75-125          | 1   |      | 20         |

**Matrix Spike Analysis**  
**Batch Quality Control****Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2326867**Report Date:** 06/06/23

| Parameter                                                                                                                                | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|-----------|---------------|-----------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 23 QC Batch ID: WG1779284-11 WG1779284-12 QC Sample: L2325743-06 Client ID: MS Sample |               |          |          |              |           |               |                 |     |            |
| Zinc, Total                                                                                                                              | ND            | 0.5      | 0.4785   | 96           | 0.4761    | 95            | 75-125          | 1   | 20         |

# Matrix Spike Analysis

## Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2326867

Report Date: 06/06/23

| Parameter                                                                                                                              | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|----------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|-----------|---------------|-----------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 23 QC Batch ID: WG1779284-3 WG1779284-4 QC Sample: L2325663-03 Client ID: MS Sample |               |          |          |              |           |               |                 |     |            |
| Aluminum, Total                                                                                                                        | 0.006J        | 2        | 1.98     | 99           | 1.88      | 94            | 75-125          | 5   | 20         |
| Antimony, Total                                                                                                                        | ND            | 0.5      | 0.4900   | 98           | 0.4675    | 94            | 75-125          | 5   | 20         |
| Arsenic, Total                                                                                                                         | ND            | 0.12     | 0.1214   | 101          | 0.1144    | 95            | 75-125          | 6   | 20         |
| Barium, Total                                                                                                                          | 0.03940       | 2        | 2.075    | 102          | 2.022     | 99            | 75-125          | 3   | 20         |
| Beryllium, Total                                                                                                                       | ND            | 0.05     | 0.05184  | 104          | 0.05071   | 101           | 75-125          | 2   | 20         |
| Cadmium, Total                                                                                                                         | ND            | 0.053    | 0.05524  | 104          | 0.05458   | 103           | 75-125          | 1   | 20         |
| Calcium, Total                                                                                                                         | 166           | 10       | 184      | 180          | Q 175     | 90            | 75-125          | 5   | 20         |
| Chromium, Total                                                                                                                        | 0.00055J      | 0.2      | 0.1856   | 93           | 0.1792    | 90            | 75-125          | 4   | 20         |
| Cobalt, Total                                                                                                                          | 0.0002J       | 0.5      | 0.4588   | 92           | 0.4366    | 87            | 75-125          | 5   | 20         |
| Copper, Total                                                                                                                          | 0.0016        | 0.25     | 0.2368   | 94           | 0.2284    | 91            | 75-125          | 4   | 20         |
| Iron, Total                                                                                                                            | 0.495         | 1        | 1.50     | 100          | 1.41      | 92            | 75-125          | 6   | 20         |
| Lead, Total                                                                                                                            | ND            | 0.53     | 0.5723   | 108          | 0.5644    | 106           | 75-125          | 1   | 20         |
| Magnesium, Total                                                                                                                       | 44.9          | 10       | 66.9     | 220          | Q 61.5    | 166           | Q 75-125        | 8   | 20         |
| Manganese, Total                                                                                                                       | 0.0257        | 0.5      | 0.5051   | 96           | 0.4877    | 92            | 75-125          | 4   | 20         |
| Nickel, Total                                                                                                                          | 0.0024        | 0.5      | 0.4621   | 92           | 0.4366    | 87            | 75-125          | 6   | 20         |
| Potassium, Total                                                                                                                       | 3.41          | 10       | 13.7     | 103          | 13.0      | 96            | 75-125          | 5   | 20         |
| Selenium, Total                                                                                                                        | ND            | 0.12     | 0.125    | 104          | 0.118     | 98            | 75-125          | 6   | 20         |
| Silver, Total                                                                                                                          | ND            | 0.05     | 0.05354  | 107          | 0.05273   | 105           | 75-125          | 2   | 20         |
| Sodium, Total                                                                                                                          | 47.9          | 10       | 68.6     | 207          | Q 64.2    | 163           | Q 75-125        | 7   | 20         |
| Thallium, Total                                                                                                                        | ND            | 0.12     | 0.1273   | 106          | 0.1258    | 105           | 75-125          | 1   | 20         |
| Vanadium, Total                                                                                                                        | ND            | 0.5      | 0.4625   | 92           | 0.4493    | 90            | 75-125          | 3   | 20         |



**Matrix Spike Analysis**  
**Batch Quality Control****Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2326867**Report Date:** 06/06/23

| Parameter                                                                                                                              | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|----------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|-----------|---------------|-----------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 23 QC Batch ID: WG1779284-3 WG1779284-4 QC Sample: L2325663-03 Client ID: MS Sample |               |          |          |              |           |               |                 |     |            |
| Zinc, Total                                                                                                                            | ND            | 0.5      | 0.4666   | 93           | 0.4371    | 87            | 75-125          | 7   | 20         |

# Matrix Spike Analysis Batch Quality Control

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

| Parameter                                                                                                                              | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|----------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|-----------|---------------|-----------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 23 QC Batch ID: WG1779284-7 WG1779284-8 QC Sample: L2325663-04 Client ID: MS Sample |               |          |          |              |           |               |                 |     |            |
| Aluminum, Total                                                                                                                        | 1.10          | 2        | 3.10     | 100          | 2.93      | 92            | 75-125          | 6   | 20         |
| Antimony, Total                                                                                                                        | ND            | 0.5      | 0.4894   | 98           | 0.4708    | 94            | 75-125          | 4   | 20         |
| Arsenic, Total                                                                                                                         | 0.00346       | 0.12     | 0.1250   | 101          | 0.1236    | 100           | 75-125          | 1   | 20         |
| Barium, Total                                                                                                                          | 0.07871       | 2        | 2.017    | 97           | 1.978     | 95            | 75-125          | 2   | 20         |
| Beryllium, Total                                                                                                                       | ND            | 0.05     | 0.04963  | 99           | 0.04842   | 97            | 75-125          | 2   | 20         |
| Cadmium, Total                                                                                                                         | ND            | 0.053    | 0.05248  | 99           | 0.05097   | 96            | 75-125          | 3   | 20         |
| Calcium, Total                                                                                                                         | 174           | 10       | 226      | 520          | Q 222     | 480           | Q 75-125        | 2   | 20         |
| Chromium, Total                                                                                                                        | 0.00985       | 0.2      | 0.2014   | 96           | 0.1961    | 93            | 75-125          | 3   | 20         |
| Cobalt, Total                                                                                                                          | 0.0020        | 0.5      | 0.4920   | 98           | 0.4768    | 95            | 75-125          | 3   | 20         |
| Copper, Total                                                                                                                          | 0.0165        | 0.25     | 0.2579   | 96           | 0.2512    | 94            | 75-125          | 3   | 20         |
| Iron, Total                                                                                                                            | 1.58          | 1        | 2.56     | 98           | 2.49      | 91            | 75-125          | 3   | 20         |
| Lead, Total                                                                                                                            | 0.00114       | 0.53     | 0.5293   | 100          | 0.5180    | 98            | 75-125          | 2   | 20         |
| Magnesium, Total                                                                                                                       | 49.8          | 10       | 63.3     | 135          | Q 58.9    | 91            | 75-125          | 7   | 20         |
| Manganese, Total                                                                                                                       | 0.7658        | 0.5      | 1.280    | 103          | 1.268     | 100           | 75-125          | 1   | 20         |
| Nickel, Total                                                                                                                          | 0.0046        | 0.5      | 0.4713   | 93           | 0.4550    | 90            | 75-125          | 4   | 20         |
| Potassium, Total                                                                                                                       | 4.74          | 10       | 14.3     | 96           | 13.9      | 92            | 75-125          | 3   | 20         |
| Selenium, Total                                                                                                                        | ND            | 0.12     | 0.122    | 102          | 0.123     | 102           | 75-125          | 1   | 20         |
| Silver, Total                                                                                                                          | ND            | 0.05     | 0.04885  | 98           | 0.04762   | 95            | 75-125          | 3   | 20         |
| Sodium, Total                                                                                                                          | 354           | 10       | 334      | 0            | Q 324     | 0             | Q 75-125        | 3   | 20         |
| Thallium, Total                                                                                                                        | 0.0001J       | 0.12     | 0.1064   | 89           | 0.1054    | 88            | 75-125          | 1   | 20         |
| Vanadium, Total                                                                                                                        | 0.0048J       | 0.5      | 0.4890   | 98           | 0.4781    | 96            | 75-125          | 2   | 20         |

# **Matrix Spike Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                                              | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|----------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|-----------|---------------|-----------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 23 QC Batch ID: WG1779284-7 WG1779284-8 QC Sample: L2325663-04 Client ID: MS Sample |               |          |          |              |           |               |                 |     |            |
| Zinc, Total                                                                                                                            | 0.0251        | 0.5      | 0.4966   | 94           | 0.4863    | 92            | 75-125          | 2   | 20         |
| Total Metals - Mansfield Lab Associated sample(s): 23 QC Batch ID: WG1779288-3 WG1779288-4 QC Sample: L2325663-03 Client ID: MS Sample |               |          |          |              |           |               |                 |     |            |
| Mercury, Total                                                                                                                         | ND            | 0.005    | 0.00472  | 94           | 0.00475   | 95            | 75-125          | 1   | 20         |
| Total Metals - Mansfield Lab Associated sample(s): 23 QC Batch ID: WG1779288-5 WG1779288-6 QC Sample: L2325663-04 Client ID: MS Sample |               |          |          |              |           |               |                 |     |            |
| Mercury, Total                                                                                                                         | ND            | 0.005    | 0.00487  | 97           | 0.00495   | 99            | 75-125          | 2   | 20         |

# Matrix Spike Analysis

## Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2326867

Report Date: 06/06/23

| Parameter                                                                                                                                          | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|-----------|---------------|-----------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-04,09-12,15-16    QC Batch ID: WG1779309-3    QC Sample: L2326223-01    Client ID: MS Sample |               |          |          |              |           |               |                 |     |            |
| Aluminum, Total                                                                                                                                    | 11600         | 185      | 12600    | 540          | Q         | -             | 75-125          | -   | 20         |
| Antimony, Total                                                                                                                                    | ND            | 46.3     | 35.7     | 77           |           | -             | 75-125          | -   | 20         |
| Arsenic, Total                                                                                                                                     | 4.97          | 11.1     | 14.4     | 85           |           | -             | 75-125          | -   | 20         |
| Barium, Total                                                                                                                                      | 43.4          | 185      | 211      | 90           |           | -             | 75-125          | -   | 20         |
| Beryllium, Total                                                                                                                                   | 0.475         | 4.63     | 4.47     | 86           |           | -             | 75-125          | -   | 20         |
| Cadmium, Total                                                                                                                                     | ND            | 4.91     | 3.86     | 79           |           | -             | 75-125          | -   | 20         |
| Calcium, Total                                                                                                                                     | 828           | 926      | 1590     | 82           |           | -             | 75-125          | -   | 20         |
| Chromium, Total                                                                                                                                    | 16.7          | 18.5     | 32.7     | 86           |           | -             | 75-125          | -   | 20         |
| Cobalt, Total                                                                                                                                      | 7.07          | 46.3     | 43.4     | 78           |           | -             | 75-125          | -   | 20         |
| Copper, Total                                                                                                                                      | 16.4          | 23.1     | 38.0     | 93           |           | -             | 75-125          | -   | 20         |
| Iron, Total                                                                                                                                        | 15000         | 92.6     | 15200    | 216          | Q         | -             | 75-125          | -   | 20         |
| Lead, Total                                                                                                                                        | 13.1          | 49.1     | 49.4     | 74           | Q         | -             | 75-125          | -   | 20         |
| Magnesium, Total                                                                                                                                   | 3500          | 926      | 4490     | 107          |           | -             | 75-125          | -   | 20         |
| Manganese, Total                                                                                                                                   | 228           | 46.3     | 279      | 110          |           | -             | 75-125          | -   | 20         |
| Nickel, Total                                                                                                                                      | 16.4          | 46.3     | 50.2     | 73           | Q         | -             | 75-125          | -   | 20         |
| Potassium, Total                                                                                                                                   | 1070          | 926      | 2000     | 100          |           | -             | 75-125          | -   | 20         |
| Selenium, Total                                                                                                                                    | ND            | 11.1     | 8.72     | 78           |           | -             | 75-125          | -   | 20         |
| Silver, Total                                                                                                                                      | ND            | 4.63     | 4.10     | 88           |           | -             | 75-125          | -   | 20         |
| Sodium, Total                                                                                                                                      | 236           | 926      | 1090     | 92           |           | -             | 75-125          | -   | 20         |
| Thallium, Total                                                                                                                                    | 0.400J        | 11.1     | 8.68     | 78           |           | -             | 75-125          | -   | 20         |
| Vanadium, Total                                                                                                                                    | 25.9          | 46.3     | 64.0     | 82           |           | -             | 75-125          | -   | 20         |

# **Matrix Spike Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                                                      | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|-----------|---------------|-----------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-04,09-12,15-16 QC Batch ID: WG1779309-3 QC Sample: L2326223-01 Client ID: MS Sample      |               |          |          |              |           |               |                 |     |            |
| Zinc, Total                                                                                                                                    | 40.8          | 46.3     | 75.4     | 75           | -         | -             | 75-125          | -   | 20         |
| Total Metals - Mansfield Lab Associated sample(s): 01-04,12,15-16 QC Batch ID: WG1779315-3 QC Sample: L2326867-12 Client ID: SRI-03_14-16      |               |          |          |              |           |               |                 |     |            |
| Mercury, Total                                                                                                                                 | ND            | 1.38     | 1.34     | 97           | -         | -             | 80-120          | -   | 20         |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-04,09-11 QC Batch ID: WG1780994-3 QC Sample: L2326806-01 Client ID: MS Sample |               |          |          |              |           |               |                 |     |            |
| Arsenic, TCLP                                                                                                                                  | ND            | 1.2      | 1.16     | 97           | -         | -             | 75-125          | -   | 20         |
| Barium, TCLP                                                                                                                                   | 0.254J        | 20       | 19.5     | 98           | -         | -             | 75-125          | -   | 20         |
| Cadmium, TCLP                                                                                                                                  | ND            | 0.53     | 0.507    | 96           | -         | -             | 75-125          | -   | 20         |
| Chromium, TCLP                                                                                                                                 | ND            | 2        | 1.91     | 96           | -         | -             | 75-125          | -   | 20         |
| Lead, TCLP                                                                                                                                     | ND            | 5.3      | 5.04     | 95           | -         | -             | 75-125          | -   | 20         |
| Selenium, TCLP                                                                                                                                 | ND            | 1.2      | 1.17     | 98           | -         | -             | 75-125          | -   | 20         |
| Silver, TCLP                                                                                                                                   | ND            | 0.5      | 0.474    | 95           | -         | -             | 75-125          | -   | 20         |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1780997-3 QC Sample: L2326806-01 Client ID: MS Sample       |               |          |          |              |           |               |                 |     |            |
| Mercury, TCLP                                                                                                                                  | ND            | 0.025    | 0.0233   | 93           | -         | -             | 75-125          | -   | 20         |

# **Lab Duplicate Analysis** *Batch Quality Control*

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

| Parameter                                                                                                                                       | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|-------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-04,09-12,15-16 QC Batch ID: WG1779309-4 QC Sample: L2326223-01 Client ID: DUP Sample      |               |                  |       |     |      |            |
| Arsenic, Total                                                                                                                                  | 4.97          | 4.66             | mg/kg | 6   |      | 20         |
| Cobalt, Total                                                                                                                                   | 7.07          | 5.97             | mg/kg | 17  |      | 20         |
| Copper, Total                                                                                                                                   | 16.4          | 15.8             | mg/kg | 4   |      | 20         |
| Nickel, Total                                                                                                                                   | 16.4          | 16.8             | mg/kg | 2   |      | 20         |
| Silver, Total                                                                                                                                   | ND            | ND               | mg/kg | NC  |      | 20         |
| Thallium, Total                                                                                                                                 | 0.400J        | 0.338J           | mg/kg | NC  |      | 20         |
| Total Metals - Mansfield Lab Associated sample(s): 01-04,12,15-16 QC Batch ID: WG1779315-4 QC Sample: L2326867-12 Client ID: SRI-03_14-16       |               |                  |       |     |      |            |
| Mercury, Total                                                                                                                                  | ND            | ND               | mg/kg | NC  |      | 20         |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-04,09-11 QC Batch ID: WG1780994-4 QC Sample: L2326806-01 Client ID: DUP Sample |               |                  |       |     |      |            |
| Arsenic, TCLP                                                                                                                                   | ND            | ND               | mg/l  | NC  |      | 20         |
| Barium, TCLP                                                                                                                                    | 0.254J        | 0.256J           | mg/l  | NC  |      | 20         |
| Cadmium, TCLP                                                                                                                                   | ND            | ND               | mg/l  | NC  |      | 20         |
| Chromium, TCLP                                                                                                                                  | ND            | ND               | mg/l  | NC  |      | 20         |
| Lead, TCLP                                                                                                                                      | ND            | ND               | mg/l  | NC  |      | 20         |
| Selenium, TCLP                                                                                                                                  | ND            | ND               | mg/l  | NC  |      | 20         |
| Silver, TCLP                                                                                                                                    | ND            | ND               | mg/l  | NC  |      | 20         |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1780997-4 QC Sample: L2326806-01 Client ID: DUP Sample       |               |                  |       |     |      |            |
| Mercury, TCLP                                                                                                                                   | ND            | ND               | mg/l  | NC  |      | 20         |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Serial Dilution  
Analysis  
Batch Quality Control**

**Lab Number:** L2326867  
**Report Date:** 06/06/23

| Parameter                                                                                                                                  | Native Sample | Serial Dilution | Units | % D | Qual | RPD Limits |
|--------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|-------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 23 QC Batch ID: WG1779284-10 QC Sample: L2325663-04 Client ID: DUP Sample               |               |                 |       |     |      |            |
| Barium, Total                                                                                                                              | 0.07871       | 0.07758         | mg/l  | 1   |      | 20         |
| Total Metals - Mansfield Lab Associated sample(s): 23 QC Batch ID: WG1779284-6 QC Sample: L2325663-03 Client ID: DUP Sample                |               |                 |       |     |      |            |
| Barium, Total                                                                                                                              | 0.03940       | 0.03954         | mg/l  | 0   |      | 20         |
| Total Metals - Mansfield Lab Associated sample(s): 01-04,09-12,15-16 QC Batch ID: WG1779309-6 QC Sample: L2326223-01 Client ID: DUP Sample |               |                 |       |     |      |            |
| Copper, Total                                                                                                                              | 16.4          | 18.1            | mg/kg | 10  |      | 20         |

# **INORGANICS & MISCELLANEOUS**



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-01  
**Client ID:** WC-C\_COMP\_0-4  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 15:00  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

**Test Material Information**

**Source of Material:** Unknown  
**Description of Material:** Non-Metallic - Wet Soil  
**Particle Size:** Medium  
**Preliminary Burning Time (sec):** 120

| Parameter                                | Result | Date Analyzed  | Analytical Method | Analyst |
|------------------------------------------|--------|----------------|-------------------|---------|
| Ignitability of Solids - Westborough Lab |        |                |                   |         |
| Ignitability                             | NI     | 05/22/23 17:42 | 1,1030            | TLH     |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

**SAMPLE RESULTS**

**Lab ID:** L2326867-02  
**Client ID:** WC-C\_COMP\_4-8  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 15:05  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

**Test Material Information**

**Source of Material:** Unknown  
**Description of Material:** Non-Metallic - Wet Soil  
**Particle Size:** Medium  
**Preliminary Burning Time (sec):** 120

| Parameter                                | Result | Date Analyzed  | Analytical Method | Analyst |
|------------------------------------------|--------|----------------|-------------------|---------|
| Ignitability of Solids - Westborough Lab |        |                |                   |         |
| Ignitability                             | NI     | 05/22/23 17:42 | 1,1030            | TLH     |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### SAMPLE RESULTS

**Lab ID:** L2326867-03  
**Client ID:** WC-C\_COMP\_8-12  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 15:10  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

### Test Material Information

**Source of Material:** Unknown  
**Description of Material:** Non-Metallic - Damp Soil  
**Particle Size:** Medium  
**Preliminary Burning Time (sec):** 120

| Parameter                                | Result | Date Analyzed  | Analytical Method | Analyst |
|------------------------------------------|--------|----------------|-------------------|---------|
| Ignitability of Solids - Westborough Lab |        |                |                   |         |
| Ignitability                             | NI     | 05/22/23 17:42 | 1,1030            | TLH     |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

### SAMPLE RESULTS

**Lab ID:** L2326867-04  
**Client ID:** WC-C\_COMP\_12-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/15/23 15:15  
**Date Received:** 05/15/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

### Test Material Information

**Source of Material:** Unknown  
**Description of Material:** Non-Metallic - Damp Soil  
**Particle Size:** Medium  
**Preliminary Burning Time (sec):** 120

| Parameter                                | Result | Date Analyzed  | Analytical Method | Analyst |
|------------------------------------------|--------|----------------|-------------------|---------|
| Ignitability of Solids - Westborough Lab |        |                |                   |         |
| Ignitability                             | NI     | 05/22/23 17:42 | 1,1030            | TLH     |



Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2326867

Report Date: 06/06/23

## SAMPLE RESULTS

Lab ID: L2326867-01

Client ID: WC-C\_COMP\_0-4

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:00

Date Received: 05/15/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL  | Dilution Factor | Date Prepared  | Date Analyzed  | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|------|-----------------|----------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |      |                 |                |                |                   |         |
| Solids, Total                       | 86.5   |           | %     | 0.100 | NA   | 1               | -              | 05/16/23 12:12 | 121,2540G         | ROI     |
| Cyanide, Total                      | ND     |           | mg/kg | 1.1   | 0.23 | 1               | 05/16/23 12:20 | 05/16/23 16:30 | 1,9010C/9012B     | JER     |
| pH (H)                              | 7.79   |           | SU    | -     | NA   | 1               | -              | 05/19/23 20:52 | 1,9045D           | AAS     |
| Cyanide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/19/23 10:30 | 05/19/23 13:34 | 125,7.3           | MMJ     |
| Sulfide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/19/23 10:30 | 05/19/23 12:06 | 125,7.3           | MMJ     |



Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2326867

Report Date: 06/06/23

## SAMPLE RESULTS

Lab ID: L2326867-02

Client ID: WC-C\_COMP\_4-8

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:05

Date Received: 05/15/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL  | Dilution Factor | Date Prepared  | Date Analyzed  | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|------|-----------------|----------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |      |                 |                |                |                   |         |
| Solids, Total                       | 85.3   |           | %     | 0.100 | NA   | 1               | -              | 05/16/23 12:12 | 121,2540G         | ROI     |
| Cyanide, Total                      | ND     |           | mg/kg | 1.1   | 0.23 | 1               | 05/16/23 12:20 | 05/16/23 16:31 | 1,9010C/9012B     | JER     |
| pH (H)                              | 7.71   |           | SU    | -     | NA   | 1               | -              | 05/19/23 20:52 | 1,9045D           | AAS     |
| Cyanide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/19/23 10:30 | 05/19/23 13:36 | 125,7.3           | MMJ     |
| Sulfide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/19/23 10:30 | 05/19/23 12:12 | 125,7.3           | MMJ     |



Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2326867

Report Date: 06/06/23

## SAMPLE RESULTS

Lab ID: L2326867-03

Client ID: WC-C\_COMP\_8-12

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:10

Date Received: 05/15/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL  | Dilution Factor | Date Prepared  | Date Analyzed  | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|------|-----------------|----------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |      |                 |                |                |                   |         |
| Solids, Total                       | 91.4   |           | %     | 0.100 | NA   | 1               | -              | 05/16/23 12:12 | 121,2540G         | ROI     |
| Cyanide, Total                      | ND     |           | mg/kg | 1.0   | 0.21 | 1               | 05/17/23 13:20 | 05/17/23 16:18 | 1,9010C/9012B     | JER     |
| pH (H)                              | 7.20   |           | SU    | -     | NA   | 1               | -              | 05/19/23 20:52 | 1,9045D           | AAS     |
| Cyanide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/19/23 10:30 | 05/19/23 13:37 | 125,7.3           | MMJ     |
| Sulfide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/19/23 10:30 | 05/19/23 12:13 | 125,7.3           | MMJ     |



Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2326867

Report Date: 06/06/23

## SAMPLE RESULTS

Lab ID: L2326867-04

Client ID: WC-C\_COMP\_12-16

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/15/23 15:15

Date Received: 05/15/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL  | Dilution Factor | Date Prepared  | Date Analyzed  | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|------|-----------------|----------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |      |                 |                |                |                   |         |
| Solids, Total                       | 94.1   |           | %     | 0.100 | NA   | 1               | -              | 05/16/23 12:12 | 121,2540G         | ROI     |
| Cyanide, Total                      | ND     |           | mg/kg | 0.98  | 0.21 | 1               | 05/17/23 13:20 | 05/17/23 16:19 | 1,9010C/9012B     | JER     |
| pH (H)                              | 7.51   |           | SU    | -     | NA   | 1               | -              | 05/19/23 20:52 | 1,9045D           | AAS     |
| Cyanide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/19/23 10:30 | 05/19/23 13:37 | 125,7.3           | MMJ     |
| Sulfide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/19/23 10:30 | 05/19/23 12:13 | 125,7.3           | MMJ     |





**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2326867**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-05**Client ID:** WC-A\_GRAB\_7-8**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/15/23 13:40**Date Received:** 05/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 87.5   |           | %     | 0.100 | NA  | 1                  | -                | 05/16/23 09:07   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2326867**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-06**Client ID:** WC-A\_GRAB\_11-12**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/15/23 13:45**Date Received:** 05/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 89.8   |           | %     | 0.100 | NA  | 1                  | -                | 05/16/23 09:07   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2326867**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-07**Client ID:** WC-A\_GRAB\_3-4**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/15/23 14:30**Date Received:** 05/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 93.1   |           | %     | 0.100 | NA  | 1                  | -                | 05/16/23 09:07   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2326867**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-08**Client ID:** WC-A\_GRAB\_15-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/15/23 14:35**Date Received:** 05/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 86.9   |           | %     | 0.100 | NA  | 1                  | -                | 05/16/23 09:07   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2326867**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-09**Client ID:** P2\_SB02\_0-2**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/15/23 09:40**Date Received:** 05/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 89.7   |           | %     | 0.100 | NA  | 1                  | -                | 05/16/23 12:12   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2326867**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-10**Client ID:** RI\_SB05\_0-0.5**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/15/23 12:55**Date Received:** 05/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 87.4   |           | %     | 0.100 | NA  | 1                  | -                | 05/16/23 12:12   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2326867**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-11**Client ID:** RI\_SB11\_0-0.5**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/15/23 13:10**Date Received:** 05/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 89.3   |           | %     | 0.100 | NA  | 1                  | -                | 05/16/23 12:12   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2326867**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-12**Client ID:** SRI-03\_14-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/15/23 09:15**Date Received:** 05/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 92.5   |           | %     | 0.100 | NA  | 1                  | -                | 05/16/23 03:39   | 121,2540G            | WJM     |





**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2326867**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-15**Client ID:** SRI-04\_14-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/15/23 11:00**Date Received:** 05/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 90.1   |           | %     | 0.100 | NA  | 1                  | -                | 05/16/23 03:39   | 121,2540G            | WJM     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2326867**Report Date:** 06/06/23**SAMPLE RESULTS****Lab ID:** L2326867-16**Client ID:** SRI-04\_20-22**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/15/23 11:05**Date Received:** 05/15/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 91.3   |           | %     | 0.100 | NA  | 1                  | -                | 05/16/23 03:39   | 121,2540G            | WJM     |



Project Name: 828 METROPOLITAN

Lab Number: L2326867

Project Number: 0205563

Report Date: 06/06/23

### Method Blank Analysis Batch Quality Control

| Parameter                                                                   | Result | Qualifier | Units | RL   | MDL  | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-----------------------------------------------------------------------------|--------|-----------|-------|------|------|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1779375-1 |        |           |       |      |      |                    |                  |                  |                      |         |
| Cyanide, Total                                                              | ND     |           | mg/kg | 0.92 | 0.19 | 1                  | 05/16/23 12:20   | 05/16/23 16:11   | 1,9010C/9012B        | JER     |
| General Chemistry - Westborough Lab for sample(s): 03-04 Batch: WG1779896-1 |        |           |       |      |      |                    |                  |                  |                      |         |
| Cyanide, Total                                                              | ND     |           | mg/kg | 0.93 | 0.20 | 1                  | 05/17/23 13:20   | 05/17/23 16:14   | 1,9010C/9012B        | JER     |
| General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1780881-1 |        |           |       |      |      |                    |                  |                  |                      |         |
| Sulfide, Reactive                                                           | ND     |           | mg/kg | 10   | 10.  | 1                  | 05/19/23 10:30   | 05/19/23 11:47   | 125,7.3              | MMJ     |
| General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1780891-1 |        |           |       |      |      |                    |                  |                  |                      |         |
| Cyanide, Reactive                                                           | ND     |           | mg/kg | 10   | 10.  | 1                  | 05/19/23 10:30   | 05/19/23 13:24   | 125,7.3              | MMJ     |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2326867  
**Report Date:** 06/06/23

| Parameter                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD Limits |
|------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|------------|
| General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1779375-2 WG1779375-3 |                  |      |                   |      |                     |     |      |            |
| Cyanide, Total                                                                                 | 65               | Q    | 89                |      | 80-120              | 28  |      | 35         |
| General Chemistry - Westborough Lab Associated sample(s): 03-04 Batch: WG1779896-2 WG1779896-3 |                  |      |                   |      |                     |     |      |            |
| Cyanide, Total                                                                                 | 87               |      | 87                |      | 80-120              | 6   |      | 35         |
| General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1780881-2             |                  |      |                   |      |                     |     |      |            |
| Sulfide, Reactive                                                                              | 103              |      | -                 |      | 60-125              | -   |      | 40         |
| General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1780891-2             |                  |      |                   |      |                     |     |      |            |
| Cyanide, Reactive                                                                              | 49               |      | -                 |      | 30-125              | -   |      | 40         |
| General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1781212-1             |                  |      |                   |      |                     |     |      |            |
| pH                                                                                             | 101              |      | -                 |      | 99-101              | -   |      |            |

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                                                        | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1779375-4 WG1779375-5 QC Sample: L2326706-01 Client ID: MS Sample |               |          |          |              |      |           |               |      |                 |     |      |            |
| Cyanide, Total                                                                                                                                   | ND            | 11       | 12       | 100          |      | 12        | 110           |      | 75-125          | 0   |      | 35         |
| General Chemistry - Westborough Lab Associated sample(s): 03-04 QC Batch ID: WG1779896-4 WG1779896-5 QC Sample: L2327098-04 Client ID: MS Sample |               |          |          |              |      |           |               |      |                 |     |      |            |
| Cyanide, Total                                                                                                                                   | ND            | 11       | 10       | 93           |      | 10        | 93            |      | 75-125          | 0   |      | 35         |

# **Lab Duplicate Analysis** *Batch Quality Control*

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2326867

**Report Date:** 06/06/23

| Parameter                                                                                                                                   | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|-------|-----|------|------------|
| General Chemistry - Westborough Lab Associated sample(s): 12,15-16 QC Batch ID: WG1779266-1 QC Sample: L2326867-12 Client ID: SRI-03_14-16  |               |                  |       |     |      |            |
| Solids, Total                                                                                                                               | 92.5          | 92.2             | %     | 0   |      | 20         |
| General Chemistry - Westborough Lab Associated sample(s): 05-08 QC Batch ID: WG1779362-1 QC Sample: L2326723-01 Client ID: DUP Sample       |               |                  |       |     |      |            |
| Solids, Total                                                                                                                               | 83.3          | 83.9             | %     | 1   |      | 20         |
| General Chemistry - Westborough Lab Associated sample(s): 01-04,09-11 QC Batch ID: WG1779528-1 QC Sample: L2324920-07 Client ID: DUP Sample |               |                  |       |     |      |            |
| Solids, Total                                                                                                                               | 79.6          | 78.6             | %     | 1   |      | 20         |
| General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1780881-3 QC Sample: L2326867-01 Client ID: WC-C_COMP_0-4    |               |                  |       |     |      |            |
| Sulfide, Reactive                                                                                                                           | ND            | ND               | mg/kg | NC  |      | 40         |
| General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1780891-3 QC Sample: L2326867-01 Client ID: WC-C_COMP_0-4    |               |                  |       |     |      |            |
| Cyanide, Reactive                                                                                                                           | ND            | ND               | mg/kg | NC  |      | 40         |
| General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1781212-2 QC Sample: L2325349-01 Client ID: DUP Sample       |               |                  |       |     |      |            |
| pH                                                                                                                                          | 6.01          | 5.93             | SU    | 1   |      | 5          |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

| <b>Cooler</b> | <b>Custody Seal</b> |
|---------------|---------------------|
|---------------|---------------------|

|   |        |
|---|--------|
| A | Absent |
|---|--------|

|   |        |
|---|--------|
| B | Absent |
|---|--------|

|   |        |
|---|--------|
| C | Absent |
|---|--------|

**Container Information**

| <b>Container ID</b> | <b>Container Type</b>                  | <b>Cooler</b> | <b>Initial pH</b> | <b>Final pH</b> | <b>Temp deg C</b> | <b>Pres</b> | <b>Seal</b> | <b>Frozen Date/Time</b> | <b>Analysis(*)</b>                                                                                                                                                                                                                                       |
|---------------------|----------------------------------------|---------------|-------------------|-----------------|-------------------|-------------|-------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2326867-01A        | Metals Only-Glass 60mL/2oz unpreserved | A             | NA                |                 | 3.2               | Y           | Absent      |                         | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180) |
| L2326867-01B        | Glass 120ml/4oz unpreserved            | A             | NA                |                 | 3.2               | Y           | Absent      |                         | NYTCL-8270(14),IGNIT-1030(14),TCN-9010(14),REACTS(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365)                                                                                                                           |
| L2326867-01C        | Glass 500ml/16oz unpreserved           | A             | NA                |                 | 3.2               | Y           | Absent      |                         | NYTCL-8270(14),IGNIT-1030(14),TCN-9010(14),REACTS(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365)                                                                                                                           |
| L2326867-01X        | Plastic 120ml HNO3 preserved Extracts  | A             | NA                |                 | 3.2               | Y           | Absent      |                         | CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)                                                                                                                                                                    |
| L2326867-01X9       | Tumble Vessel                          | A             | NA                |                 | 3.2               | Y           | Absent      |                         | -                                                                                                                                                                                                                                                        |
| L2326867-02A        | Metals Only-Glass 60mL/2oz unpreserved | A             | NA                |                 | 3.2               | Y           | Absent      |                         | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180) |
| L2326867-02B        | Glass 120ml/4oz unpreserved            | A             | NA                |                 | 3.2               | Y           | Absent      |                         | NYTCL-8270(14),REACTS(14),TCN-9010(14),IGNIT-1030(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365)                                                                                                                           |
| L2326867-02C        | Glass 500ml/16oz unpreserved           | A             | NA                |                 | 3.2               | Y           | Absent      |                         | NYTCL-8270(14),REACTS(14),TCN-9010(14),IGNIT-1030(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365)                                                                                                                           |
| L2326867-02X        | Plastic 120ml HNO3 preserved Extracts  | A             | NA                |                 | 3.2               | Y           | Absent      |                         | CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)                                                                                                                                                                    |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Serial\_No:** 06062313:59  
**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Container Information**

| Container ID  | Container Type                         | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|---------------|----------------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2326867-02X9 | Tumble Vessel                          | A      | NA         |          | 3.2        | Y    | Absent |                  | -                                                                                                                                                                                                                                                        |
| L2326867-03A  | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 3.2        | Y    | Absent |                  | BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),AL-Ti(180),TL-Ti(180),NI-Ti(180),SB-Ti(180),ZN-Ti(180),PB-Ti(180),SE-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),FE-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180) |
| L2326867-03B  | Glass 120ml/4oz unpreserved            | A      | NA         |          | 3.2        | Y    | Absent |                  | IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),REACTS(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365)                                                                                                                           |
| L2326867-03C  | Glass 500ml/16oz unpreserved           | A      | NA         |          | 3.2        | Y    | Absent |                  | IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),REACTS(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365)                                                                                                                           |
| L2326867-03X  | Plastic 120ml HNO3 preserved Extracts  | A      | NA         |          | 3.2        | Y    | Absent |                  | CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)                                                                                                                                                                    |
| L2326867-03X9 | Tumble Vessel                          | A      | NA         |          | 3.2        | Y    | Absent |                  | -                                                                                                                                                                                                                                                        |
| L2326867-04A  | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 3.2        | Y    | Absent |                  | BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),CR-Ti(180),AL-Ti(180),TL-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180) |
| L2326867-04B  | Glass 120ml/4oz unpreserved            | A      | NA         |          | 3.2        | Y    | Absent |                  | NYTCL-8270(14),REACTS(14),IGNIT-1030(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14)                                                                                                                           |
| L2326867-04C  | Glass 500ml/16oz unpreserved           | A      | NA         |          | 3.2        | Y    | Absent |                  | NYTCL-8270(14),REACTS(14),IGNIT-1030(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14)                                                                                                                           |
| L2326867-04X  | Plastic 120ml HNO3 preserved Extracts  | A      | NA         |          | 3.2        | Y    | Absent |                  | CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)                                                                                                                                                                    |
| L2326867-04X9 | Tumble Vessel                          | A      | NA         |          | 3.2        | Y    | Absent |                  | -                                                                                                                                                                                                                                                        |
| L2326867-05A  | Vial MeOH preserved                    | A      | NA         |          | 3.2        | Y    | Absent |                  | TPH-GRO(14),NYTCL-8260HLW(14)                                                                                                                                                                                                                            |
| L2326867-05B  | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-05C  | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-05D  | Vial Large Septa unpreserved (4oz)     | A      | NA         |          | 3.2        | Y    | Absent |                  | TPH-GRO(14)                                                                                                                                                                                                                                              |
| L2326867-05E  | Plastic 120ml unpreserved              | A      | NA         |          | 3.2        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |



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**Project Number:** 0205563

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**Container Information**

| Container ID  | Container Type                         | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                   |
|---------------|----------------------------------------|--------|------------|----------|------------|------|--------|------------------|-------------------------------|
| L2326867-06A  | Vial MeOH preserved                    | A      | NA         |          | 3.2        | Y    | Absent |                  | TPH-GRO(14),NYTCL-8260HLW(14) |
| L2326867-06B  | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)             |
| L2326867-06C  | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)             |
| L2326867-06D  | Vial Large Septa unpreserved (4oz)     | A      | NA         |          | 3.2        | Y    | Absent |                  | TPH-GRO(14)                   |
| L2326867-06E  | Plastic 120ml unpreserved              | A      | NA         |          | 3.2        | Y    | Absent |                  | TS(7)                         |
| L2326867-07A  | Vial MeOH preserved                    | A      | NA         |          | 3.2        | Y    | Absent |                  | TPH-GRO(14),NYTCL-8260HLW(14) |
| L2326867-07B  | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)             |
| L2326867-07C  | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)             |
| L2326867-07D  | Vial Large Septa unpreserved (4oz)     | A      | NA         |          | 3.2        | Y    | Absent |                  | TPH-GRO(14)                   |
| L2326867-07E  | Plastic 120ml unpreserved              | A      | NA         |          | 3.2        | Y    | Absent |                  | TS(7)                         |
| L2326867-08A  | Vial MeOH preserved                    | A      | NA         |          | 3.2        | Y    | Absent |                  | TPH-GRO(14),NYTCL-8260HLW(14) |
| L2326867-08B  | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)             |
| L2326867-08C  | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)             |
| L2326867-08D  | Vial Large Septa unpreserved (4oz)     | A      | NA         |          | 3.2        | Y    | Absent |                  | TPH-GRO(14)                   |
| L2326867-08E  | Plastic 120ml unpreserved              | A      | NA         |          | 3.2        | Y    | Absent |                  | TS(7)                         |
| L2326867-09A  | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 3.2        | Y    | Absent |                  | PB-TI(180)                    |
| L2326867-09B  | Glass 250ml/8oz unpreserved            | A      | NA         |          | 3.2        | Y    | Absent |                  | TS(7)                         |
| L2326867-09X  | Plastic 120ml HNO3 preserved Extracts  | A      | NA         |          | 3.2        | Y    | Absent |                  | PB-CI(180)                    |
| L2326867-09X9 | Tumble Vessel                          | A      | NA         |          | 3.2        | Y    | Absent |                  | -                             |
| L2326867-10A  | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 3.2        | Y    | Absent |                  | PB-TI(180)                    |
| L2326867-10B  | Glass 250ml/8oz unpreserved            | A      | NA         |          | 3.2        | Y    | Absent |                  | TS(7)                         |
| L2326867-10X  | Plastic 120ml HNO3 preserved Extracts  | A      | NA         |          | 3.2        | Y    | Absent |                  | PB-CI(180)                    |
| L2326867-10X9 | Tumble Vessel                          | A      | NA         |          | 3.2        | Y    | Absent |                  | -                             |
| L2326867-11A  | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 3.2        | Y    | Absent |                  | PB-TI(180)                    |
| L2326867-11B  | Glass 250ml/8oz unpreserved            | A      | NA         |          | 3.2        | Y    | Absent |                  | TS(7)                         |
| L2326867-11X  | Plastic 120ml HNO3 preserved Extracts  | A      | NA         |          | 3.2        | Y    | Absent |                  | PB-CI(180)                    |
| L2326867-11X9 | Tumble Vessel                          | A      | NA         |          | 3.2        | Y    | Absent |                  | -                             |
| L2326867-12A  | Vial MeOH preserved                    | A      | NA         |          | 3.2        | Y    | Absent |                  | NYTCL-8260HLW(14)             |

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**Serial\_No:** 06062313:59  
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**Container Information**

| Container ID | Container Type                         | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|--------------|----------------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2326867-12B | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-12C | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-12D | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 3.2        | Y    | Absent |                  | BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),AL-Ti(180),SE-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),FE-Ti(180),MN-Ti(180),MG-Ti(180),K-Ti(180),CA-Ti(180),CD-Ti(180),NA-Ti(180) |
| L2326867-12E | Plastic 2oz unpreserved for TS         | B      | NA         |          | 2.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2326867-12F | Plastic 120ml unpreserved              | A      | NA         |          | 3.2        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2326867-12G | Plastic 8oz unpreserved                | B      | NA         |          | 2.1        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2326867-12H | Glass 250ml/8oz unpreserved            | A      | NA         |          | 3.2        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2326867-13A | Vial MeOH preserved                    | A      | NA         |          | 3.2        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-13B | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-13C | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-13D | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 3.2        | Y    | Absent |                  | BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),CU-Ti(180),SB-Ti(180),PB-Ti(180),ZN-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),HG-T(28),MN-Ti(180),K-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180) |
| L2326867-13E | Plastic 2oz unpreserved for TS         | B      | NA         |          | 2.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2326867-13F | Plastic 120ml unpreserved              | A      | NA         |          | 3.2        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2326867-13G | Plastic 8oz unpreserved                | B      | NA         |          | 2.1        | Y    | Absent |                  | HOLD-1633(90)                                                                                                                                                                                                                                            |
| L2326867-13H | Glass 250ml/8oz unpreserved            | A      | NA         |          | 3.2        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2326867-14A | Vial MeOH preserved                    | A      | NA         |          | 3.2        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-14B | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-14C | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-14D | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 3.2        | Y    | Absent |                  | BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),NI-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),FE-Ti(180),HG-T(28),MN-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180) |
| L2326867-14E | Plastic 2oz unpreserved for TS         | B      | NA         |          | 2.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Serial\_No:**06062313:59  
**Lab Number:** L2326867  
**Report Date:** 06/06/23

**Container Information**

| Container ID | Container Type                         | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|--------------|----------------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2326867-14F | Plastic 120ml unpreserved              | A      | NA         |          | 3.2        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2326867-14G | Plastic 8oz unpreserved                | B      | NA         |          | 2.1        | Y    | Absent |                  | HOLD-1633(90)                                                                                                                                                                                                                                            |
| L2326867-14H | Glass 250ml/8oz unpreserved            | A      | NA         |          | 3.2        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2326867-15A | Vial MeOH preserved                    | A      | NA         |          | 3.2        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-15B | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-15C | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-15D | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 3.2        | Y    | Absent |                  | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180) |
| L2326867-15E | Plastic 2oz unpreserved for TS         | B      | NA         |          | 2.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2326867-15F | Plastic 120ml unpreserved              | A      | NA         |          | 3.2        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2326867-15G | Plastic 8oz unpreserved                | B      | NA         |          | 2.1        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2326867-15H | Glass 250ml/8oz unpreserved            | A      | NA         |          | 3.2        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2326867-16A | Vial MeOH preserved                    | A      | NA         |          | 3.2        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-16B | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-16C | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-16D | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 3.2        | Y    | Absent |                  | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180) |
| L2326867-16E | Plastic 2oz unpreserved for TS         | B      | NA         |          | 2.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2326867-16F | Plastic 120ml unpreserved              | A      | NA         |          | 3.2        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2326867-16G | Plastic 8oz unpreserved                | B      | NA         |          | 2.1        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2326867-16H | Glass 250ml/8oz unpreserved            | A      | NA         |          | 3.2        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2326867-17A | Vial MeOH preserved                    | A      | NA         |          | 3.2        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-17B | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2326867-17C | Vial water preserved                   | A      | NA         |          | 3.2        | Y    | Absent | 16-MAY-23 04:09  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2326867**Project Number:** 0205563**Report Date:** 06/06/23**Container Information**

| <b>Container ID</b> | <b>Container Type</b>                  | <b>Cooler</b> | <b>Initial pH</b> | <b>Final pH</b> | <b>Temp deg C</b> | <b>Pres</b> | <b>Seal</b> | <b>Frozen Date/Time</b> | <b>Analysis(*)</b>                                                                                                                                                                                                                                                                                                         |
|---------------------|----------------------------------------|---------------|-------------------|-----------------|-------------------|-------------|-------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2326867-17D        | Metals Only-Glass 60mL/2oz unpreserved | A             | NA                |                 | 3.2               | Y           | Absent      |                         | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)                                                                   |
| L2326867-17E        | Plastic 2oz unpreserved for TS         | B             | NA                |                 | 2.1               | Y           | Absent      |                         | TS(7)                                                                                                                                                                                                                                                                                                                      |
| L2326867-17F        | Plastic 120ml unpreserved              | A             | NA                |                 | 3.2               | Y           | Absent      |                         | TS(7)                                                                                                                                                                                                                                                                                                                      |
| L2326867-17G        | Plastic 8oz unpreserved                | B             | NA                |                 | 2.1               | Y           | Absent      |                         | HOLD-1633(90)                                                                                                                                                                                                                                                                                                              |
| L2326867-17H        | Glass 250ml/8oz unpreserved            | A             | NA                |                 | 3.2               | Y           | Absent      |                         | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                                                                                              |
| L2326867-18A        | Plastic 500ml unpreserved              | B             | NA                |                 | 2.1               | Y           | Absent      |                         | A2-NY-1633-DRAFT-21(28)                                                                                                                                                                                                                                                                                                    |
| L2326867-18B        | Plastic 500ml unpreserved              | B             | NA                |                 | 2.1               | Y           | Absent      |                         | A2-NY-1633-DRAFT-21(28)                                                                                                                                                                                                                                                                                                    |
| L2326867-19A        | Vial HCl preserved                     | A             | NA                |                 | 3.2               | Y           | Absent      |                         | NYTCL-8260(14)                                                                                                                                                                                                                                                                                                             |
| L2326867-19B        | Vial HCl preserved                     | A             | NA                |                 | 3.2               | Y           | Absent      |                         | NYTCL-8260(14)                                                                                                                                                                                                                                                                                                             |
| L2326867-20A        | Amber 250ml unpreserved                | C             | 7                 | 7               | 3.9               | Y           | Absent      |                         | A2-1,4-DIOXANE-SIM(7)                                                                                                                                                                                                                                                                                                      |
| L2326867-20B        | Amber 250ml unpreserved                | C             | 7                 | 7               | 3.9               | Y           | Absent      |                         | A2-1,4-DIOXANE-SIM(7)                                                                                                                                                                                                                                                                                                      |
| L2326867-21A        | Vial HCl preserved                     | C             | NA                |                 | 3.9               | Y           | Absent      |                         | NYTCL-8260(14)                                                                                                                                                                                                                                                                                                             |
| L2326867-21B        | Vial HCl preserved                     | C             | NA                |                 | 3.9               | Y           | Absent      |                         | NYTCL-8260(14)                                                                                                                                                                                                                                                                                                             |
| L2326867-21C        | Vial HCl preserved                     | C             | NA                |                 | 3.9               | Y           | Absent      |                         | NYTCL-8260(14)                                                                                                                                                                                                                                                                                                             |
| L2326867-22A        | Amber 120ml unpreserved                | C             | 7                 | 7               | 3.9               | Y           | Absent      |                         | NYTCL-8081(7)                                                                                                                                                                                                                                                                                                              |
| L2326867-22B        | Amber 120ml unpreserved                | C             | 7                 | 7               | 3.9               | Y           | Absent      |                         | NYTCL-8081(7)                                                                                                                                                                                                                                                                                                              |
| L2326867-22C        | Amber 120ml unpreserved                | C             | 7                 | 7               | 3.9               | Y           | Absent      |                         | NYTCL-8082-LVI(365)                                                                                                                                                                                                                                                                                                        |
| L2326867-22D        | Amber 120ml unpreserved                | C             | 7                 | 7               | 3.9               | Y           | Absent      |                         | NYTCL-8082-LVI(365)                                                                                                                                                                                                                                                                                                        |
| L2326867-23A        | Plastic 250ml HNO3 preserved           | C             | <2                | <2              | 3.9               | Y           | Absent      |                         | BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),CO-6020T(180) |
| L2326867-24A        | Amber 250ml unpreserved                | C             | 7                 | 7               | 3.9               | Y           | Absent      |                         | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)                                                                                                                                                                                                                                                                                    |
| L2326867-24B        | Amber 250ml unpreserved                | C             | 7                 | 7               | 3.9               | Y           | Absent      |                         | NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)                                                                                                                                                                                                                                                                                    |

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### PFAS PARAMETER SUMMARY

| Parameter                                                               | Acronym      | CAS Number  |
|-------------------------------------------------------------------------|--------------|-------------|
| PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)                                 |              |             |
| Perfluorooctadecanoic Acid                                              | PFODA        | 16517-11-6  |
| Perfluorohexadecanoic Acid                                              | PFHxDA       | 67905-19-5  |
| Perfluorotetradecanoic Acid                                             | PFTA/PFTeDA  | 376-06-7    |
| Perfluorotridecanoic Acid                                               | PFTrDA       | 72629-94-8  |
| Perfluorododecanoic Acid                                                | PFDoA        | 307-55-1    |
| Perfluoroundecanoic Acid                                                | PFUnA        | 2058-94-8   |
| Perfluorodecanoic Acid                                                  | PFDA         | 335-76-2    |
| Perfluorononanoic Acid                                                  | PFNA         | 375-95-1    |
| Perfluorooctanoic Acid                                                  | PFOA         | 335-67-1    |
| Perfluoroheptanoic Acid                                                 | PFHpA        | 375-85-9    |
| Perfluorohexanoic Acid                                                  | PFHxA        | 307-24-4    |
| Perfluoropentanoic Acid                                                 | PFPeA        | 2706-90-3   |
| Perfluorobutanoic Acid                                                  | PFBA         | 375-22-4    |
| PERFLUOROALKYL SULFONIC ACIDS (PFSA's)                                  |              |             |
| Perfluorododecanesulfonic Acid                                          | PFDoDS/PFDoS | 79780-39-5  |
| Perfluorodecanesulfonic Acid                                            | PFDS         | 335-77-3    |
| Perfluorononanesulfonic Acid                                            | PFNS         | 68259-12-1  |
| Perfluorooctanesulfonic Acid                                            | PFOS         | 1763-23-1   |
| Perfluoroheptanesulfonic Acid                                           | PFHpS        | 375-92-8    |
| Perfluorohexanesulfonic Acid                                            | PFHxS        | 355-46-4    |
| Perfluoropentanesulfonic Acid                                           | PFPeS        | 2706-91-4   |
| Perfluorobutanesulfonic Acid                                            | PFBS         | 375-73-5    |
| Perfluoropropanesulfonic Acid                                           | PFPrS        | 423-41-6    |
| FLUOROTELOMERS                                                          |              |             |
| 1H,1H,2H,2H-Perfluorododecanesulfonic Acid                              | 10:2FTS      | 120226-60-0 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid                                | 8:2FTS       | 39108-34-4  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid                                | 6:2FTS       | 27619-97-2  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic Acid                                | 4:2FTS       | 757124-72-4 |
| PERFLUOROALKANE SULFONAMIDES (FASAs)                                    |              |             |
| Perfluorooctanesulfonamide                                              | FOSA/PFOSA   | 754-91-6    |
| N-Ethyl Perfluorooctane Sulfonamide                                     | NEtFOSA      | 4151-50-2   |
| N-Methyl Perfluorooctane Sulfonamide                                    | NMeFOSA      | 31506-32-8  |
| PERFLUOROALKANE SULFONYL SUBSTANCES                                     |              |             |
| N-Ethyl Perfluorooctanesulfonamido Ethanol                              | NEtFOSE      | 1691-99-2   |
| N-Methyl Perfluorooctanesulfonamido Ethanol                             | NMeFOSE      | 24448-09-7  |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid                           | NEtFOSAA     | 2991-50-6   |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid                          | NMeFOSAA     | 2355-31-9   |
| PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS                         |              |             |
| 2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid | HFPO-DA      | 13252-13-6  |
| 4,8-Dioxa-3h-Perfluorononanoic Acid                                     | ADONA        | 919005-14-4 |
| CHLORO-PERFLUOROALKYL SULFONIC ACIDS                                    |              |             |
| 11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid                     | 11Cl-PF3OUdS | 763051-92-9 |
| 9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid                        | 9Cl-PF3ONS   | 756426-58-1 |
| PERFLUOROETHER SULFONIC ACIDS (PFESAs)                                  |              |             |
| Perfluoro(2-Ethoxyethane)Sulfonic Acid                                  | PFEEA        | 113507-82-7 |
| PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)                      |              |             |
| Perfluoro-3-Methoxypropanoic Acid                                       | PFMPA        | 377-73-1    |
| Perfluoro-4-Methoxybutanoic Acid                                        | PFMBA        | 863090-89-5 |
| Nonfluoro-3,6-Dioxaheptanoic Acid                                       | NFDHA        | 151772-58-6 |

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### PFAS PARAMETER SUMMARY

| Parameter                              | Acronym | CAS Number  |
|----------------------------------------|---------|-------------|
| FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs) |         |             |
| 3-Perfluoroheptyl Propanoic Acid       | 7:3FTCA | 812-70-4    |
| 2H,2H,3H,3H-Perfluorooctanoic Acid     | 5:3FTCA | 914637-49-3 |
| 3-Perfluoropropyl Propanoic Acid       | 3:3FTCA | 356-02-5    |

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## GLOSSARY

### Acronyms

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DL       | - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)                                                                                               |
| EDL      | - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).                        |
| EMPC     | - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.                                                                                                                                                              |
| EPA      | - Environmental Protection Agency.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LCS      | - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.                                                                                                                                                                                                                                                         |
| LCSD     | - Laboratory Control Sample Duplicate: Refer to LCS.                                                                                                                                                                                                                                                                                                                                                                                                      |
| LFB      | - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.                                                                                                                                                                                                                                                        |
| LOD      | - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)                                                                                                                                              |
| LOQ      | - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)                                                                                                                                                                                                |
|          | Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)                                                                                                                                                                                                  |
| MDL      | - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.                                                                                                                         |
| MS       | - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.                                                                                                                                   |
| MSD      | - Matrix Spike Sample Duplicate: Refer to MS.                                                                                                                                                                                                                                                                                                                                                                                                             |
| NA       | - Not Applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NC       | - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.                                                                                                                                                                                                                                                                                                          |
| NDPA/DPA | - N-Nitrosodiphenylamine/Diphenylamine.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NI       | - Not Ignitable.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NP       | - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.                                                                                                                                                                                                                                                                                                                                                                             |
| NR       | - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.                                                                                                                                                                                                                                                                                                   |
| RL       | - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.                                                                                                                                                                                                                                  |
| RPD      | - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report. |
| SRM      | - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.                                                                                                                                                                                                                                                                                                    |
| STLP     | - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.                                                                                                                                                                                                                                                                                                                                                                                               |
| TEF      | - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.                                                                                                                                                                                                                                                                                                                            |
| TEQ      | - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.                                                                                                                                                                                                                                                                                       |
| TIC      | - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.                                                                                                                                                                                                     |

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### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

**Chlordane:** The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

**Difference:** With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

**Final pH:** As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

**Frozen Date/Time:** With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

**Gasoline Range Organics (GRO):** Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

**Initial pH:** As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

**PAH Total:** With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

**PFAS Total:** With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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**Data Qualifiers**

Identified Compounds (TICs).

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.
- 144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



**Alpha Analytical, Inc.**Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

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**Certification Information****The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility****EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625/625.1:** alpha-Terpineol**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Biological Tissue Matrix:** EPA 3050B**The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility:****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

|                                                                                                                                                                                                                                                                                           |                 |                                                                                                                                                                                                                             |               |                                                                                                                                                                                                                                                                                                                                                                                       |       |                                                                            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---------|----------|---------------|--------------|---|----|---|---|---|---|---|---|---|----|---------------|--------|---|---|---|---|---|---|---|---|---|----|----------------|--------|---|---|---|---|---|---|---|---|---|----|-----------------|--------|---|---|---|---|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|  <b>NEW YORK CHAIN OF CUSTODY</b><br>Westborough, MA 01561<br>8 Walkup Dr.<br>TEL: 508-898-9220<br>FAX: 508-898-9193<br>Mansfield, MA 02048<br>320 Forbes Blvd<br>TEL: 508-822-9300<br>FAX: 508-822-3288 |                 | <b>Service Centers</b><br>Mahwah, NJ 07430: 35 Whitney Rd, Suite 5<br>Albany, NY 12205: 14 Walker Way<br>Tonawanda, NY 14150: 275 Cooper Ave, Suite 105                                                                     |               | Page<br><div style="border: 1px solid black; padding: 2px; display: inline-block;">1 of 4</div>                                                                                                                                                                                                                                                                                       |       | Date Rec'd<br>in Lab <b>5/16/23</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   | ALPHA Job #<br><b>L2326867</b>                                                                                                                                                                                                                                               |            |                            |               |                    |                      |            |            |      |            |             |                      |          |               |              |   |    |   |   |   |   |   |   |   |    |               |        |   |   |   |   |   |   |   |   |   |    |                |        |   |   |   |   |   |   |   |   |   |    |                 |        |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                           |                 | <b>Project Information</b><br>Project Name: <b>828 Metropolitan</b><br>Project Location: <b>828 Metropolitan, Brooklyn, NY</b><br>Project # <b>020563</b><br>(Use Project name as Project #) <input type="checkbox"/>       |               | <b>Deliverables</b><br><input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B<br><input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)<br><input type="checkbox"/> Other                                                                                                                                                                  |       | <b>Billing Information</b><br><input checked="" type="checkbox"/> Same as Client Info<br>PO #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |                                                                                                                                                                                                                                                                              |            |                            |               |                    |                      |            |            |      |            |             |                      |          |               |              |   |    |   |   |   |   |   |   |   |    |               |        |   |   |   |   |   |   |   |   |   |    |                |        |   |   |   |   |   |   |   |   |   |    |                 |        |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Client Information</b><br>Client: <b>Haley &amp; Aldrich</b><br>Address: <b>237 W 35th St.</b><br><b>New York, NY</b><br>Phone: <b>(480)-261-0004</b><br>Fax:<br>Email: <b>Sbell@haleyaldrich.com</b>                                                                                  |                 | <b>Project Manager:</b> <b>Suzanne Bell</b><br><b>ALPHAQuote #:</b><br><b>Turn-Around Time</b><br>Standard <input checked="" type="checkbox"/> Due Date:<br>Rush (only if pre approved) <input type="checkbox"/> # of Days: |               | <b>Regulatory Requirement</b><br><input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375<br><input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51<br><input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other<br><input checked="" type="checkbox"/> NY Unrestricted Use<br><input type="checkbox"/> NYC Sewer Discharge |       | <b>Disposal Site Information</b><br>Please identify below location of applicable disposal facilities.<br>Disposal Facility:<br><input checked="" type="checkbox"/> NJ <input checked="" type="checkbox"/> NY<br><input type="checkbox"/> Other:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| These samples have been previously analyzed by Alpha <input type="checkbox"/>                                                                                                                                                                                                             |                 |                                                                                                                                                                                                                             |               |                                                                                                                                                                                                                                                                                                                                                                                       |       | <b>ANALYSIS</b>                                                            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    |          |               |              |   |    |   |   |   |   |   |   |   |    |               |        |   |   |   |   |   |   |   |   |   |    |                |        |   |   |   |   |   |   |   |   |   |    |                 |        |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other project specific requirements/comments:                                                                                                                                                                                                                                             |                 |                                                                                                                                                                                                                             |               |                                                                                                                                                                                                                                                                                                                                                                                       |       | <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">           SVOCs    Pesticides    Herbicides    PCBs    TAL Metals    TCLP Metals    RCRA Characteristics         </div> <div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">ALPHA Lab ID<br/>(Lab Use Only)</td> <td style="width: 20%;">Sample ID</td> <td style="width: 10%;">Collection<br/>Date    Time</td> <td style="width: 10%;">Sample Matrix</td> <td style="width: 10%;">Sampler's Initials</td> <td style="width: 10%;">SVOCs</td> <td style="width: 10%;">Pesticides</td> <td style="width: 10%;">Herbicides</td> <td style="width: 10%;">PCBs</td> <td style="width: 10%;">TAL Metals</td> <td style="width: 10%;">TCLP Metals</td> <td style="width: 10%;">RCRA Characteristics</td> </tr> <tr> <td>26867-01</td> <td>WC-C-COMP-0-4</td> <td>5/15/23 1500</td> <td>S</td> <td>MC</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>02</td> <td>WC-C-COMP-4-8</td> <td>↓ 1505</td> <td>↓</td> <td>↓</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>03</td> <td>WC-C-COMP-8-12</td> <td>↓ 1510</td> <td>↓</td> <td>↓</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr> <td>04</td> <td>WC-C-COMP-12-16</td> <td>↓ 1515</td> <td>↓</td> <td>↓</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> </div> </div> |   | ALPHA Lab ID<br>(Lab Use Only)                                                                                                                                                                                                                                               | Sample ID  | Collection<br>Date    Time | Sample Matrix | Sampler's Initials | SVOCs                | Pesticides | Herbicides | PCBs | TAL Metals | TCLP Metals | RCRA Characteristics | 26867-01 | WC-C-COMP-0-4 | 5/15/23 1500 | S | MC | X | X | X | X | X | X | X | 02 | WC-C-COMP-4-8 | ↓ 1505 | ↓ | ↓ | X | X | X | X | X | X | X | 03 | WC-C-COMP-8-12 | ↓ 1510 | ↓ | ↓ | X | X | X | X | X | X | X | 04 | WC-C-COMP-12-16 | ↓ 1515 | ↓ | ↓ | X | X | X | X | X | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ALPHA Lab ID<br>(Lab Use Only)                                                                                                                                                                                                                                                            | Sample ID       | Collection<br>Date    Time                                                                                                                                                                                                  | Sample Matrix | Sampler's Initials                                                                                                                                                                                                                                                                                                                                                                    | SVOCs |                                                                            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| 26867-01                                                                                                                                                                                                                                                                                  | WC-C-COMP-0-4   | 5/15/23 1500                                                                                                                                                                                                                | S             | MC                                                                                                                                                                                                                                                                                                                                                                                    | X     | X                                                                          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| 02                                                                                                                                                                                                                                                                                        | WC-C-COMP-4-8   | ↓ 1505                                                                                                                                                                                                                      | ↓             | ↓                                                                                                                                                                                                                                                                                                                                                                                     | X     | X                                                                          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| 03                                                                                                                                                                                                                                                                                        | WC-C-COMP-8-12  | ↓ 1510                                                                                                                                                                                                                      | ↓             | ↓                                                                                                                                                                                                                                                                                                                                                                                     | X     | X                                                                          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| 04                                                                                                                                                                                                                                                                                        | WC-C-COMP-12-16 | ↓ 1515                                                                                                                                                                                                                      | ↓             | ↓                                                                                                                                                                                                                                                                                                                                                                                     | X     | X                                                                          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| Preservative Code:<br>A = None<br>B = HCl<br>C = HNO <sub>3</sub><br>D = H <sub>2</sub> SO <sub>4</sub><br>E = NaOH<br>F = MeOH<br>G = NaHSO <sub>4</sub><br>H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub><br>K/E = Zn Ac/NaOH<br>O = Other                                           |                 | Container Code:<br>P = Plastic<br>A = Amber Glass<br>V = Vial<br>G = Glass<br>B = Bacteria Cup<br>C = Cube<br>O = Other<br>E = Encore<br>D = BOD Bottle                                                                     |               | Westboro: Certification No: MA935<br>Mansfield: Certification No: MA015                                                                                                                                                                                                                                                                                                               |       | Container Type<br>Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   | Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.) |            |                            |               |                    |                      |            |            |      |            |             |                      |          |               |              |   |    |   |   |   |   |   |   |   |    |               |        |   |   |   |   |   |   |   |   |   |    |                |        |   |   |   |   |   |   |   |   |   |    |                 |        |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Relinquished By: <b>Matthew Cai</b><br><b>Paul Mazzella</b>                                                                                                                                                                                                                               |                 | Date/Time: <b>5/15/23 16:35</b><br><b>5/15/23 18:00</b><br><b>5/15/23 00:10</b><br><b>5/16/23 02:10</b>                                                                                                                     |               | Received By: <b>Paul Mazzella</b><br><b>Paul Mazzella</b><br><b>Paul Mazzella</b>                                                                                                                                                                                                                                                                                                     |       | Date/Time: <b>5/15/23 16:35</b><br><b>5/15/23 18:00</b><br><b>5/15/23 00:10</b><br><b>5/16/23 02:10</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   | Form No: 01-25 HC (rev. 30-Sept-2013)                                                                                                                                                                                                                                        |            |                            |               |                    |                      |            |            |      |            |             |                      |          |               |              |   |    |   |   |   |   |   |   |   |    |               |        |   |   |   |   |   |   |   |   |   |    |                |        |   |   |   |   |   |   |   |   |   |    |                 |        |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



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|  <b>NEW YORK CHAIN OF CUSTODY</b><br>Westborough, MA 01581<br>8 Walkup Dr.<br>TEL: 508-898-9220<br>FAX: 508-898-9193<br>Mansfield, MA 02048<br>320 Forbes Blvd<br>TEL: 508-822-9300<br>FAX: 508-822-3288 |  | <b>Service Centers</b><br>Mahwah, NJ 07430: 35 Whitney Rd, Suite 5<br>Albany, NY 12205: 14 Walker Way<br>Tonawanda, NY 14150: 275 Cooper Ave, Suite 105                                                              |  | Page<br>2 of 4                                                                                                                                                                                                                                                                                                                                                                        |  | Date Rec'd<br>In Lab 5/16/23                                                                                                                                                                                                                    |  | ALPHA Job #<br>L2326867                                                                                                                                                                                                                                                      |  |
|                                                                                                                                                                                                                                                                                           |  | <b>Project Information</b><br>Project Name: 828 Metropolitan<br>Project Location: 828 Metropolitan, Brooklyn, NY<br>Project # 0205563<br>(Use Project name as Project #) <input type="checkbox"/>                    |  | <b>Deliverables</b><br><input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B<br><input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)<br><input type="checkbox"/> Other                                                                                                                                                                  |  | <b>Billing Information</b><br><input checked="" type="checkbox"/> Same as Client Info<br>PO #                                                                                                                                                   |  |                                                                                                                                                                                                                                                                              |  |
| <b>Client Information</b><br>Client: Haly & Aldrich<br>Address: 237 W 35th St.<br>New York, NY<br>Phone: (480)-261-0004<br>Fax:<br>Email: S.Bell@halyaldrich.com                                                                                                                          |  | <b>Project Manager:</b> Suzanne Bell<br><b>ALPHAQuote #:</b><br><b>Turn-Around Time</b><br>Standard <input checked="" type="checkbox"/> Due Date:<br>Rush (only if pre approved) <input type="checkbox"/> # of Days: |  | <b>Regulatory Requirement</b><br><input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375<br><input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51<br><input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other<br><input checked="" type="checkbox"/> NY Unrestricted Use<br><input type="checkbox"/> NYC Sewer Discharge |  | <b>Disposal Site Information</b><br>Please identify below location of applicable disposal facilities.<br>Disposal Facility:<br><input checked="" type="checkbox"/> NJ <input checked="" type="checkbox"/> NY<br><input type="checkbox"/> Other: |  |                                                                                                                                                                                                                                                                              |  |
| These samples have been previously analyzed by Alpha <input type="checkbox"/><br>Other project specific requirements/comments:                                                                                                                                                            |  |                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>ANALYSIS</b>                                                                                                                                                                                                                                 |  | <b>Sample Filtration</b><br><input type="checkbox"/> Done<br><input type="checkbox"/> Lab to do<br><b>Preservation</b><br><input type="checkbox"/> Lab to do<br>(Please Specify below)                                                                                       |  |
| Please specify Metals or TAL.                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                       |  | <b>ANALYSIS</b>                                                                                                                                                                                                                                 |  | <b>Sample Specific Comments</b>                                                                                                                                                                                                                                              |  |
| ALPHA Lab ID (Lab Use Only)                                                                                                                                                                                                                                                               |  | Sample ID                                                                                                                                                                                                            |  | Collection<br>Date Time                                                                                                                                                                                                                                                                                                                                                               |  | Sample Matrix                                                                                                                                                                                                                                   |  | Sampler's Initials                                                                                                                                                                                                                                                           |  |
| 26867-05                                                                                                                                                                                                                                                                                  |  | WC-A-GRAB-7-8                                                                                                                                                                                                        |  | 5/15/23 1340                                                                                                                                                                                                                                                                                                                                                                          |  | S                                                                                                                                                                                                                                               |  | MC                                                                                                                                                                                                                                                                           |  |
| 06                                                                                                                                                                                                                                                                                        |  | WC-A-GRAB-11-12                                                                                                                                                                                                      |  | 1345                                                                                                                                                                                                                                                                                                                                                                                  |  | S                                                                                                                                                                                                                                               |  | MC                                                                                                                                                                                                                                                                           |  |
| 07                                                                                                                                                                                                                                                                                        |  | WC-A-GRAB-3-4                                                                                                                                                                                                        |  | 131430                                                                                                                                                                                                                                                                                                                                                                                |  | S                                                                                                                                                                                                                                               |  | MC                                                                                                                                                                                                                                                                           |  |
| 08                                                                                                                                                                                                                                                                                        |  | WC-A-GRAB-15-16                                                                                                                                                                                                      |  | 1435                                                                                                                                                                                                                                                                                                                                                                                  |  | S                                                                                                                                                                                                                                               |  | MC                                                                                                                                                                                                                                                                           |  |
| 09                                                                                                                                                                                                                                                                                        |  | P2-SB02-0-2                                                                                                                                                                                                          |  | 0940                                                                                                                                                                                                                                                                                                                                                                                  |  | S                                                                                                                                                                                                                                               |  | MC                                                                                                                                                                                                                                                                           |  |
| 10                                                                                                                                                                                                                                                                                        |  | RI-SB05-0-0.5                                                                                                                                                                                                        |  | 1255                                                                                                                                                                                                                                                                                                                                                                                  |  | S                                                                                                                                                                                                                                               |  | MC                                                                                                                                                                                                                                                                           |  |
| 11                                                                                                                                                                                                                                                                                        |  | RI-SB11-0-0.5                                                                                                                                                                                                        |  | 1310                                                                                                                                                                                                                                                                                                                                                                                  |  | S                                                                                                                                                                                                                                               |  | MC                                                                                                                                                                                                                                                                           |  |
| Preservative Code:<br>A = None<br>B = HCl<br>C = HNO <sub>3</sub><br>D = H <sub>2</sub> SO <sub>4</sub><br>E = NaOH<br>F = MeOH<br>G = NaHSO <sub>4</sub><br>H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub><br>K/E = Zn Ac/NaOH<br>O = Other                                           |  | Container Code<br>P = Plastic<br>A = Amber Glass<br>V = Vial<br>G = Glass<br>B = Bacteria Cup<br>C = Cube<br>O = Other<br>E = Encore<br>D = BOD Bottle                                                               |  | Westboro: Certification No: MA935<br>Mansfield: Certification No: MA015                                                                                                                                                                                                                                                                                                               |  | Container Type                                                                                                                                                                                                                                  |  | Preservative                                                                                                                                                                                                                                                                 |  |
| Relinquished By:                                                                                                                                                                                                                                                                          |  | Date/Time                                                                                                                                                                                                            |  | Received By:                                                                                                                                                                                                                                                                                                                                                                          |  | Date/Time                                                                                                                                                                                                                                       |  | Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.) |  |
| Matthew C. [Signature]                                                                                                                                                                                                                                                                    |  | 5/15/23 16:05                                                                                                                                                                                                        |  | Paul Mazzella                                                                                                                                                                                                                                                                                                                                                                         |  | 5/15/23 16:05                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                              |  |
| Paul Mazzella                                                                                                                                                                                                                                                                             |  | 5/15/23 00:10                                                                                                                                                                                                        |  | [Signature]                                                                                                                                                                                                                                                                                                                                                                           |  | 5/16/23 00:10                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                              |  |
| [Signature]                                                                                                                                                                                                                                                                               |  | 5/16/23 02:10                                                                                                                                                                                                        |  | [Signature]                                                                                                                                                                                                                                                                                                                                                                           |  | 5/16/23 02:10                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                              |  |



| <br><b>ALPHA</b><br><small>LABORATORY</small>                                                                                                                   | <b>NEW YORK</b><br><b>CHAIN OF</b><br><b>CUSTODY</b> | <b>Service Centers</b><br>Mahwah, NJ 07430: 35 Whitney Rd, Suite 5<br>Albany, NY 12205: 14 Walker Way<br>Tonawanda, NY 14150: 275 Cooper Ave, Suite 105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Page          | Date Rec'd                                                                                                                                                                                                                 | ALPHA Job # |            |               |                    |            |       |             |      |            |      |             |          |              |              |   |    |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |                                |      |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3 of 4        | in Lab                                                                                                                                                                                                                     | 5/16/23     | L2326867   |               |                    |            |       |             |      |            |      |             |          |              |              |   |    |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |                                |      |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  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| Westborough, MA 01581<br>8 Walkup Dr.<br>TEL: 508-898-9220<br>FAX: 508-898-9193                                                                                                                                                                 |                                                      | Mansfield, MA 02048<br>320 Forbes Blvd<br>TEL: 508-822-9300<br>FAX: 508-822-3288                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               | <b>Project Information</b><br>Project Name: <u>828 Metropolitan</u><br>Project Location: <u>828 Metropolitan Ave, Brooklyn, NY</u><br>Project # <u>0205563</u><br>(Use Project name as Project #) <input type="checkbox"/> |             |            |               |                    |            |       |             |      |            |      |             |          |              |              |   |    |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |                                |      |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |
| <b>Client Information</b><br>Client: <u>Haley &amp; Aldrich</u><br>Address: <u>237 W 35th St.</u><br><u>New York, NY</u><br>Phone: <u>(480) -261-0004</u><br>Fax:<br>Email: <u>SBell@haleyaldrich.com</u>                                       |                                                      | <b>Deliverables</b><br><input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B<br><input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)<br><input type="checkbox"/> Other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               | <b>Billing Information</b><br><input type="checkbox"/> Same as Client Info<br>PO #                                                                                                                                         |             |            |               |                    |            |       |             |      |            |      |             |          |              |              |   |    |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |                                |      |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |
| <b>Turn-Around Time</b><br>Standard <input type="checkbox"/> Due Date: <u>24 hr</u><br>Rush (only if pre approved) <input checked="" type="checkbox"/> # of Days: <u>2 day TAT</u>                                                              |                                                      | <b>Regulatory Requirement</b><br><input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375<br><input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51<br><input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other<br><input checked="" type="checkbox"/> NY Unrestricted Use<br><input type="checkbox"/> NYC Sewer Discharge                                                                                                                                                                                                                                                                                                                                         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                  |            |       |             |      |            |      |             |          |              |              |   |    |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |                                |      |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  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| These samples have been previously analyzed by Alpha <input type="checkbox"/><br>Other project specific requirements/comments:                                                                                                                  |                                                      | <b>ANALYSIS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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                  |            |       |             |      |            |      |             |          |              |              |   |    |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |                                |      |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  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| Please specify Metals or TAL.                                                                                                                                                                                                                   |                                                      | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>ALPHA Lab ID<br/>(Lab Use Only)</th> <th>Sample ID</th> <th>Collection</th> <th>Sample Matrix</th> <th>Sampler's Initials</th> <th>VOCs</th> <th>SVOCs</th> <th>TAL Metals</th> <th>PCBs</th> <th>Pesticides</th> <th>PFAS</th> <th>1,4-Dioxane</th> </tr> </thead> <tbody> <tr> <td>26867-12</td> <td>SRI-03-14-16</td> <td>5/15/23 0915</td> <td>S</td> <td>MC</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> </tr> <tr> <td>13</td> <td>SRI-03-20-22</td> <td>0920</td> <td></td> <td></td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> <td>x</td> </tr> <tr> <td>14</td> 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PCBs               | Pesticides | PFAS  | 1,4-Dioxane |      |            |      |             |          |              |              |   |    |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |                                |      |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 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| 14                                                                                                                                                                                                                                              | SRI-03-26-28                                         | 0925                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| 15                                                                                                                                                                                                                                              | SRI-04-14-16                                         | 1100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| 16                                                                                                                                                                                                                                              | SRI-04-20-22                                         | 1105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| 17                                                                                                                                                                                                                                              | <del>SRI-05</del> SRI-04-26-28                       | 1110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| Preservative Code:<br>A = None<br>B = HCl<br>C = HNO <sub>3</sub><br>D = H <sub>2</sub> SO <sub>4</sub><br>E = NaOH<br>F = MeOH<br>G = NaHSO <sub>4</sub><br>H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub><br>K/E = Zn Ac/NaOH<br>O = Other |                                                      | Container Code:<br>P = Plastic<br>A = Amber Glass<br>V = Vial<br>G = Glass<br>B = Bacteria Cup<br>C = Cube<br>O = Other<br>E = Encore<br>D = BOD Bottle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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                  |            |       |             |      |            |      |             |          |              |              |   |    |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |                                |      |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |
| Form No: 01-25 HC (rev. 30-Sept-2013)                                                                                                                                                                                                           |                                                      | Relinquished By: <u>Matthew Cal</u> Date/Time: <u>5/15/23 16:55</u><br><u>Paul Mazzella</u> <u>5/15/23 00:00</u><br><u>SK</u> <u>5/16/23 02:10</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               | Received By: <u>Wm. J. Dewar</u> Date/Time: <u>5/15/23 16:55</u><br><u>Paul Mazzella</u> <u>5/15/23 20:00</u><br><u>Curt</u> <u>5/16/23 02:10</u>                                                                          |             |            |               |                    |            |       |             |      |            |      |             |          |              |              |   |    |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |                                |      |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |
| Container Type<br>Preservative                                                                                                                                                                                                                  |                                                      | Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |                                                                                                                                                                                                                            |             |            |               |                    |            |       |             |      |            |      |             |          |              |              |   |    |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |              |      |  |  |   |   |   |   |   |   |   |    |                                |      |   |   |   |   |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                 |  |



|  <b>NEW YORK CHAIN OF CUSTODY</b><br>Westborough, MA 01581<br>8 Walkup Dr.<br>TEL: 508-898-9220<br>FAX: 508-898-9193<br>Mansfield, MA 02048<br>320 Forbes Blvd<br>TEL: 508-822-9300<br>FAX: 508-822-3288 |             | <b>Service Centers</b><br>Mahwah, NJ 07430: 35 Whitney Rd, Suite 5<br>Albany, NY 12205: 14 Walker Way<br>Tonawanda, NY 14150: 275 Cooper Ave, Suite 105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | Page<br>4 of 4                                                                                                                                                                                                                                                               | Date Rec'd<br>in Lab 5/16/23 | ALPHA Job #<br>L2326867                                                            |                    |               |                    |      |      |             |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
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|                                                                                                                                                                                                                                                                                          |             | <b>Project Information</b><br>Project Name: 828 Metropolitan<br>Project Location: 828 Metropolitan Ave, Brooklyn, NY<br>Project # 0205563<br>(Use Project name as Project #) <input type="checkbox"/><br>Project Manager: Suzanne Bell<br>ALPHAQuote #:<br>Turn-Around Time<br>Standard <input type="checkbox"/> Due Date:<br>Rush (only if pre approved) <input checked="" type="checkbox"/> # of Days: 1 day TAT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | <b>Deliverables</b><br><input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B<br><input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)<br><input type="checkbox"/> Other                                                         |                              | <b>Billing Information</b><br><input type="checkbox"/> Same as Client Info<br>PO # |                    |               |                    |      |      |             |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
| <b>Client Information</b><br>Client: Haley & Pldish<br>Address: 237 W 35th St.<br>New York, NY<br>Phone: (880) 261-0004<br>Fax:<br>Email: SBell@haleypldish.com                                                                                                                          |             | <b>Regulatory Requirement</b><br><input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375<br><input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51<br><input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other<br><input checked="" type="checkbox"/> NY Unrestricted Use<br><input type="checkbox"/> NYC Sewer Discharge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      | <b>Disposal Site Information</b><br>Please identify below location of applicable disposal facilities.<br>Disposal Facility:<br><input type="checkbox"/> NJ <input type="checkbox"/> NY<br><input type="checkbox"/> Other:                                                    |                              |                                                                                    |                    |               |                    |      |      |             |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
| These samples have been previously analyzed by Alpha <input type="checkbox"/><br>Other project specific requirements/comments:                                                                                                                                                           |             | <b>ANALYSIS</b><br>PFAS VOCs 1,4-Dioxane NYTCL 8260 NYTCL 8081, 8082 LUT Total Metals by Total 8270 SIM CW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      | <b>Sample Filtration</b><br><input type="checkbox"/> Done<br><input type="checkbox"/> Lab to do<br><b>Preservation</b><br><input type="checkbox"/> Lab to do<br>(Please Specify below)                                                                                       |                              |                                                                                    |                    |               |                    |      |      |             |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
| Please specify Metals or TAL.                                                                                                                                                                                                                                                            |             | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID<br/>(Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">PFAS</th> <th rowspan="2">VOCs</th> <th rowspan="2">1,4-Dioxane</th> <th rowspan="2">NYTCL 8260</th> <th rowspan="2">NYTCL 8081, 8082 LUT</th> <th rowspan="2">Total Metals by</th> <th rowspan="2">Total 8270 SIM CW</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>26867-18</td> <td>Field Blank</td> <td>5/15/23</td> <td>1540</td> <td>BLANK</td> <td>MC</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>19</td> <td>Trip Blank</td> <td></td> <td>N/A</td> <td>BLANK</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td>Field Blank</td> <td></td> <td>1544</td> <td>BLANK</td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>21</td> <td>Field Blank</td> <td></td> <td>1550</td> <td>BLANK</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>22</td> <td>Field Blank</td> <td></td> <td>1555</td> <td>BLANK</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>23</td> <td>Field Blank</td> <td></td> <td>1600</td> <td>BLANK</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> </tr> <tr> <td>24</td> <td>Field Blank</td> <td></td> <td>1603</td> <td>BLANK</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> </tr> </tbody> </table> |      | ALPHA Lab ID<br>(Lab Use Only)                                                                                                                                                                                                                                               | Sample ID                    | Collection                                                                         |                    | Sample Matrix | Sampler's Initials | PFAS | VOCs | 1,4-Dioxane | NYTCL 8260 | NYTCL 8081, 8082 LUT | Total Metals by | Total 8270 SIM CW | Date | Time | 26867-18    | Field Blank | 5/15/23              | 1540            | BLANK             | MC | X |  |  |  |  |  |  | 19 | Trip Blank |  | N/A | BLANK |  |  | X |  |  |  |  |  | 20 | Field Blank |  | 1544 | BLANK |  |  |  | X |  |  |  |  | 21 | Field Blank |  | 1550 | BLANK |  |  |  |  | X |  |  |  | 22 | Field Blank |  | 1555 | BLANK |  |  |  |  |  | X |  |  | 23 | Field Blank |  | 1600 | BLANK |  |  |  |  |  |  | X |  | 24 | Field Blank |  | 1603 | BLANK |  |  |  |  |  |  |  | X | <b>Sample Specific Comments</b> |  |
| ALPHA Lab ID<br>(Lab Use Only)                                                                                                                                                                                                                                                           | Sample ID   | Collection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                                                                                                                                                                                                                                                              |                              | Sample Matrix                                                                      | Sampler's Initials |               |                    |      |      |             |            |                      |                 |                   | PFAS | VOCs | 1,4-Dioxane | NYTCL 8260  | NYTCL 8081, 8082 LUT | Total Metals by | Total 8270 SIM CW |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
|                                                                                                                                                                                                                                                                                          |             | Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Time |                                                                                                                                                                                                                                                                              |                              |                                                                                    |                    |               |                    |      |      |             |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
| 26867-18                                                                                                                                                                                                                                                                                 | Field Blank | 5/15/23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1540 | BLANK                                                                                                                                                                                                                                                                        | MC                           | X                                                                                  |                    |               |                    |      |      |             |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
| 19                                                                                                                                                                                                                                                                                       | Trip Blank  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N/A  | BLANK                                                                                                                                                                                                                                                                        |                              |                                                                                    | X                  |               |                    |      |      |             |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
| 20                                                                                                                                                                                                                                                                                       | Field Blank |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1544 | BLANK                                                                                                                                                                                                                                                                        |                              |                                                                                    |                    | X             |                    |      |      |             |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
| 21                                                                                                                                                                                                                                                                                       | Field Blank |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1550 | BLANK                                                                                                                                                                                                                                                                        |                              |                                                                                    |                    |               | X                  |      |      |             |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
| 22                                                                                                                                                                                                                                                                                       | Field Blank |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1555 | BLANK                                                                                                                                                                                                                                                                        |                              |                                                                                    |                    |               |                    | X    |      |             |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
| 23                                                                                                                                                                                                                                                                                       | Field Blank |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1600 | BLANK                                                                                                                                                                                                                                                                        |                              |                                                                                    |                    |               |                    |      | X    |             |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
| 24                                                                                                                                                                                                                                                                                       | Field Blank |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1603 | BLANK                                                                                                                                                                                                                                                                        |                              |                                                                                    |                    |               |                    |      |      | X           |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
| Preservative Code:<br>A = None<br>B = HCl<br>C = HNO <sub>3</sub><br>D = H <sub>2</sub> SO <sub>4</sub><br>E = NaOH<br>F = MeOH<br>G = NaHSO <sub>4</sub><br>H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub><br>K/E = Zn Ac/NaOH<br>O = Other                                          |             | Container Code<br>P = Plastic<br>A = Amber Glass<br>V = Vial<br>G = Glass<br>B = Bacteria Cup<br>C = Cube<br>O = Other<br>E = Encore<br>D = BOD Bottle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      | Westboro: Certification No: MA935<br>Mansfield: Certification No: MA015                                                                                                                                                                                                      |                              |                                                                                    |                    |               |                    |      |      |             |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
| Relinquished By:<br>Matthew Cal <i>[Signature]</i><br>Paul Mazzella <i>[Signature]</i>                                                                                                                                                                                                   |             | Date/Time<br>5/15/23 16:58<br>5/15/23 02:10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | Received By:<br>Wm. Belmont <i>[Signature]</i><br>Paul Mazzella <i>[Signature]</i><br>Matt <i>[Signature]</i>                                                                                                                                                                |                              |                                                                                    |                    |               |                    |      |      |             |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |
| Date/Time<br>5/15/23 16:58<br>5/16/23 02:10                                                                                                                                                                                                                                              |             | Date/Time<br>5/15/23 16:58<br>5/16/23 02:10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.) |                              |                                                                                    |                    |               |                    |      |      |             |            |                      |                 |                   |      |      |             |             |                      |                 |                   |    |   |  |  |  |  |  |  |    |            |  |     |       |  |  |   |  |  |  |  |  |    |             |  |      |       |  |  |  |   |  |  |  |  |    |             |  |      |       |  |  |  |  |   |  |  |  |    |             |  |      |       |  |  |  |  |  |   |  |  |    |             |  |      |       |  |  |  |  |  |  |   |  |    |             |  |      |       |  |  |  |  |  |  |  |   |                                 |  |



## ANALYTICAL REPORT

|                 |                                                                             |
|-----------------|-----------------------------------------------------------------------------|
| Lab Number:     | L2327188                                                                    |
| Client:         | Haley & Aldrich<br>237 West 35th Street<br>16th Floor<br>New York, NY 10123 |
| ATTN:           | Suzanne Bell                                                                |
| Phone:          | (973) 658-3938                                                              |
| Project Name:   | 828 METROPOLITAN                                                            |
| Project Number: | 0205563                                                                     |
| Report Date:    | 06/07/23                                                                    |

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)





**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

| Alpha<br>Sample ID | Client ID       | Matrix | Sample<br>Location                  | Collection<br>Date/Time | Receive Date |
|--------------------|-----------------|--------|-------------------------------------|-------------------------|--------------|
| L2327188-01        | WC-A_COMP_0-4   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 10:15          | 05/16/23     |
| L2327188-02        | WC-A_COMP_4-8   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 10:20          | 05/16/23     |
| L2327188-03        | WC-A_COMP_8-12  | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 10:25          | 05/16/23     |
| L2327188-04        | WC-A_COMP_12-16 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 10:30          | 05/16/23     |
| L2327188-05        | WC-B_COMP_0-4   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 14:20          | 05/16/23     |
| L2327188-06        | WC-B_COMP_4-8   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 14:25          | 05/16/23     |
| L2327188-07        | WC-B_COMP_8-12  | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 14:30          | 05/16/23     |
| L2327188-08        | WC-B_COMP_12-16 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 14:35          | 05/16/23     |
| L2327188-09        | WC-A_COMP_12-16 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 10:35          | 05/16/23     |
| L2327188-10        | RI_SB02_0-0.5   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 10:00          | 05/16/23     |
| L2327188-11        | RI_SB03_0-0.5   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 11:10          | 05/16/23     |
| L2327188-12        | RI_SB10_6-8     | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 12:50          | 05/16/23     |
| L2327188-13        | RI_SB04_0-0.5   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 14:15          | 05/16/23     |
| L2327188-14        | WC-B-GRAB_3-4   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 13:10          | 05/16/23     |
| L2327188-15        | WC-B-GRAB_7-8   | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 12:55          | 05/16/23     |
| L2327188-16        | WC-B-GRAB_11-12 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 13:00          | 05/16/23     |
| L2327188-17        | WC-B-GRAB_15-16 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 13:05          | 05/16/23     |
| L2327188-18        | SRI-01_14-16    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 08:50          | 05/16/23     |

| Alpha Sample ID | Client ID       | Matrix | Sample Location                     | Collection Date/Time | Receive Date |
|-----------------|-----------------|--------|-------------------------------------|----------------------|--------------|
| L2327188-19     | SRI-01_20-22    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 08:55       | 05/16/23     |
| L2327188-20     | SRI-01_26-28    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 09:00       | 05/16/23     |
| L2327188-21     | SRI-02_14-16    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 09:45       | 05/16/23     |
| L2327188-22     | SRI-02_20-22    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 09:50       | 05/16/23     |
| L2327188-23     | SRI-02_26-28    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 09:55       | 05/16/23     |
| L2327188-24     | SRI-06_14-16    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 10:50       | 05/16/23     |
| L2327188-25     | SRI-06_20-22    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 10:55       | 05/16/23     |
| L2327188-26     | SRI-06_26-28    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 11:00       | 05/16/23     |
| L2327188-27     | SRI-05_14-16    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 12:35       | 05/16/23     |
| L2327188-28     | SRI-05_20-22    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 12:40       | 05/16/23     |
| L2327188-29     | SRI-05_26-28    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 12:45       | 05/16/23     |
| L2327188-30     | SRI-07_14-16    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 12:00       | 05/16/23     |
| L2327188-31     | SRI-07_20-22    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 12:05       | 05/16/23     |
| L2327188-32     | SRI-07_26-28    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 12:10       | 05/16/23     |
| L2327188-33     | SRI-08_14-16    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 13:20       | 05/16/23     |
| L2327188-34     | SRI-08_20-22    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 13:25       | 05/16/23     |
| L2327188-35     | SRI-08_26-28    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 13:30       | 05/16/23     |
| L2327188-36     | SRI-09_14-16    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 14:00       | 05/16/23     |
| L2327188-37     | SRI-09_20-22    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 14:05       | 05/16/23     |
| L2327188-38     | SRI-09_26-28    | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 14:10       | 05/16/23     |
| L2327188-39     | DUP-01_05162023 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN, NY | 05/16/23 00:00       | 05/16/23     |

| Alpha<br>Sample ID | Client ID  | Matrix | Sample<br>Location                           | Collection<br>Date/Time | Receive Date |
|--------------------|------------|--------|----------------------------------------------|-------------------------|--------------|
| L2327188-40        | TRIP BLANK | WATER  | NY<br>828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/16/23 00:00          | 05/16/23     |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

**HOLD POLICY** - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

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**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Case Narrative (continued)

#### Report Submission

June 07, 2023: This final report includes the results of all requested analyses.

May 31, 2023: This is a preliminary report.

May 23, 2023: This is a preliminary report.

May 18, 2023: This is a preliminary report.

May 17, 2023: This is a preliminary report.

May 17, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Sample Receipt

L2327188-20, -23, -26, -29, -32, -35, and -38 were placed on hold at the client's request.

L2327188-27 and -34: The sample was not appropriately preserved for the analysis of Volatile Organics-High Level. The methanol was not covering the soil. Please note: This vial was not utilized for analysis.

#### Volatile Organics

L2327188-15, -16, -33, and -34: The acetone result should be considered estimated due to co-elution with a non-target compound.

L2327188-16: The surrogate recovery is below the acceptance criteria for dibromofluoromethane (65%), possibly due to the matrix effect caused by the high pH of the sample (>10).

The surrogate recovery for the WG1780065-5 Method Blank, associated with L2327188-40, is below the acceptance criteria for toluene-d8 (67%). The associated sample is non-detect and has acceptable surrogate recoveries; therefore, no further actions were taken.

The WG1780134-5 Method Blank, associated with L2327188-39, has a concentration above the reporting limit for bromomethane. Since the associated sample concentration is non-detect to the RL for this target analyte, no corrective action is required.

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Case Narrative (continued)

#### Semivolatile Organics

L2327188-27D: The sample has elevated detection limits due to the dilution required by the sample matrix.

#### Gasoline Range Organics

The surrogate recovery for the WG1782152-4 Method Blank, associated with L2327188-14 and -17, is below the acceptance criteria for 4-bromofluorobenzene (68%). The associated samples are non-detect and have acceptable surrogate recoveries; therefore, no further actions were taken.

#### Pesticides

L2327188-27: The surrogate recoveries are outside the acceptance criteria for decachlorobiphenyl (159%/201%); however, the sample was not re-extracted due to coelution with obvious interferences.

#### Total Metals

L2327188-01 through -08, -18, -19, -21, -22, -24, -25, -27, -28, -30, -31, -33, -34, -36, -37, and -39:

The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1779846-3/-4 MS/MSD recoveries for aluminum (408%/255%), iron (0%/0%), and manganese (MS 224%), performed on L2327188-18, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1779846-3/-4 MS/MSD recoveries, performed on L2327188-18, are outside the acceptance criteria for lead (129%/131%). A post digestion spike was performed and yielded an unacceptable recovery of 127%. The serial dilution recovery was not applicable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1780017-3 MS recoveries for aluminum (764%), iron (1180%), and manganese (144%), performed on L2327188-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1780017-3 MS recoveries, performed on L2327188-01, are outside the acceptance criteria for calcium

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Case Narrative (continued)

(152%), lead (129%), and zinc (129%). A post digestion spike was performed and was within acceptance criteria.

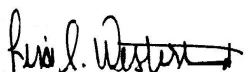
The WG1780017-4 Laboratory Duplicate RPDs for chromium (21%) and manganese (24%), performed on L2327188-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

#### Cyanide, Total

The WG1779873-2/-3 LCS/LCSD recoveries for cyanide, total (77%/63%), associated with L2327188-01 through -04, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Lisa Westerlind

Title: Technical Director/Representative

Date: 06/07/23

# ORGANICS



# VOLATILES

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-14  
 Client ID: WC-B-GRAB\_3-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 13:10  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 05/22/23 15:21

Analyst: JIC

Percent Solids: 86%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.2  | 2.4  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.6  | 0.14 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.0  | 0.24 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.0  | 0.13 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.52 | 0.20 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.52 | 0.13 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.1  | 0.72 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.27 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.52 | 0.17 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.52 | 0.11 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.52 | 0.16 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.52 | 0.16 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.52 | 0.16 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.1  | 0.25 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.52 | 0.17 | 1               |
| Benzene                                             | 1.2    |           | ug/kg | 0.52 | 0.17 | 1               |
| Toluene                                             | 0.80   | J         | ug/kg | 1.0  | 0.56 | 1               |
| Ethylbenzene                                        | 0.72   | J         | ug/kg | 1.0  | 0.14 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.1  | 0.96 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.1  | 0.60 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.0  | 0.35 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.1  | 0.47 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.0  | 0.25 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.6  | 0.14 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-14  
 Client ID: WC-B-GRAB\_3-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 13:10  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.52 | 0.14 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.18 | 1               |
| Methyl tert butyl ether                             | 4.9    |           | ug/kg | 2.1  | 0.21 | 1               |
| p/m-Xylene                                          | 1.3    | J         | ug/kg | 2.1  | 0.58 | 1               |
| o-Xylene                                            | 0.55   | J         | ug/kg | 1.0  | 0.30 | 1               |
| Xylenes, Total                                      | 1.9    | J         | ug/kg | 1.0  | 0.30 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.0  | 0.18 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.1  | 0.25 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.0  | 0.20 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 10   | 0.95 | 1               |
| Acetone                                             | 79     |           | ug/kg | 10   | 5.0  | 1               |
| Carbon disulfide                                    | 4.8    | J         | ug/kg | 10   | 4.7  | 1               |
| 2-Butanone                                          | 10     |           | ug/kg | 10   | 2.3  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 10   | 2.2  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 10   | 1.3  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.1  | 0.13 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 10   | 1.2  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.1  | 0.21 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.1  | 0.21 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.0  | 0.29 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.1  | 0.17 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.52 | 0.14 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| n-Butylbenzene                                      | 7.2    |           | ug/kg | 1.0  | 0.17 | 1               |
| sec-Butylbenzene                                    | 4.1    |           | ug/kg | 1.0  | 0.15 | 1               |
| tert-Butylbenzene                                   | 0.13   | J         | ug/kg | 2.1  | 0.12 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.1  | 0.20 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.1  | 0.11 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.1  | 1.0  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.1  | 0.17 | 1               |
| Isopropylbenzene                                    | 0.64   | J         | ug/kg | 1.0  | 0.11 | 1               |
| p-Isopropyltoluene                                  | 0.39   | J         | ug/kg | 1.0  | 0.11 | 1               |
| Naphthalene                                         | 5.0    |           | ug/kg | 4.1  | 0.67 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.1  | 1.2  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-14**Date Collected:** 05/16/23 13:10**Client ID:** WC-B-GRAB\_3-4**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | 3.1    |           | ug/kg | 1.0 | 0.18 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.1 | 0.33 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.1 | 0.28 | 1               |
| 1,3,5-Trimethylbenzene                              | 2.2    |           | ug/kg | 2.1 | 0.20 | 1               |
| 1,2,4-Trimethylbenzene                              | 5.6    |           | ug/kg | 2.1 | 0.34 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 83  | 36.  | 1               |
| p-Diethylbenzene                                    | 12     |           | ug/kg | 2.1 | 0.18 | 1               |
| p-Ethyltoluene                                      | 3.0    |           | ug/kg | 2.1 | 0.40 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | 14     |           | ug/kg | 2.1 | 0.20 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.1 | 0.35 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.2 | 1.5  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 104        |           | 70-130              |
| Toluene-d8            | 94         |           | 70-130              |
| 4-Bromofluorobenzene  | 95         |           | 70-130              |
| Dibromofluoromethane  | 105        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-15  
 Client ID: WC-B-GRAB\_7-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:55  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/22/23 15:44  
 Analyst: JIC  
 Percent Solids: 87%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 4.5  | 2.0  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 0.89 | 0.13 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.3  | 0.12 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 0.89 | 0.20 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 0.89 | 0.11 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 0.89 | 0.12 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 0.89 | 0.24 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.45 | 0.18 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.45 | 0.11 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 3.6  | 0.62 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 0.89 | 0.23 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.45 | 0.15 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.45 | 0.10 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 0.89 | 0.24 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.45 | 0.14 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.45 | 0.14 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.45 | 0.14 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 3.6  | 0.22 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.45 | 0.15 | 1               |
| Benzene                                             | 0.32   | J         | ug/kg | 0.45 | 0.15 | 1               |
| Toluene                                             | 1.4    |           | ug/kg | 0.89 | 0.48 | 1               |
| Ethylbenzene                                        | 1.9    |           | ug/kg | 0.89 | 0.13 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 3.6  | 0.83 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 1.8  | 0.52 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 0.89 | 0.30 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 1.8  | 0.40 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 0.89 | 0.21 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.3  | 0.12 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-15  
 Client ID: WC-B-GRAB\_7-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:55  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.45 | 0.12 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 1.8  | 0.13 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 1.8  | 0.13 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 1.8  | 0.15 | 1               |
| Methyl tert butyl ether                             | 8.8    |           | ug/kg | 1.8  | 0.18 | 1               |
| p/m-Xylene                                          | 6.6    |           | ug/kg | 1.8  | 0.50 | 1               |
| o-Xylene                                            | 3.0    |           | ug/kg | 0.89 | 0.26 | 1               |
| Xylenes, Total                                      | 9.6    |           | ug/kg | 0.89 | 0.26 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 0.89 | 0.16 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 0.89 | 0.12 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 1.8  | 0.21 | 1               |
| Styrene                                             | ND     |           | ug/kg | 0.89 | 0.18 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 8.9  | 0.82 | 1               |
| Acetone                                             | 23     |           | ug/kg | 8.9  | 4.3  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 8.9  | 4.1  | 1               |
| 2-Butanone                                          | 4.1    | J         | ug/kg | 8.9  | 2.0  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 8.9  | 1.9  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 8.9  | 1.1  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 1.8  | 0.11 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 8.9  | 1.0  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 1.8  | 0.18 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 1.8  | 0.18 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 0.89 | 0.25 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 1.8  | 0.15 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.45 | 0.12 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 1.8  | 0.13 | 1               |
| n-Butylbenzene                                      | 10     |           | ug/kg | 0.89 | 0.15 | 1               |
| sec-Butylbenzene                                    | 4.5    |           | ug/kg | 0.89 | 0.13 | 1               |
| tert-Butylbenzene                                   | 0.15   | J         | ug/kg | 1.8  | 0.10 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 1.8  | 0.17 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 1.8  | 0.10 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 2.7  | 0.89 | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 3.6  | 0.15 | 1               |
| Isopropylbenzene                                    | 2.8    |           | ug/kg | 0.89 | 0.10 | 1               |
| p-Isopropyltoluene                                  | 1.9    |           | ug/kg | 0.89 | 0.10 | 1               |
| Naphthalene                                         | 7.5    |           | ug/kg | 3.6  | 0.58 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 3.6  | 1.0  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-15**Date Collected:** 05/16/23 12:55**Client ID:** WC-B-GRAB\_7-8**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| n-Propylbenzene                                     | 9.3    |           | ug/kg | 0.89 | 0.15 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 1.8  | 0.29 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 1.8  | 0.24 | 1               |
| 1,3,5-Trimethylbenzene                              | 12     |           | ug/kg | 1.8  | 0.17 | 1               |
| 1,2,4-Trimethylbenzene                              | 41     |           | ug/kg | 1.8  | 0.30 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 72   | 31.  | 1               |
| p-Diethylbenzene                                    | 20     |           | ug/kg | 1.8  | 0.16 | 1               |
| p-Ethyltoluene                                      | 22     |           | ug/kg | 1.8  | 0.34 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | 23     |           | ug/kg | 1.8  | 0.17 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 1.8  | 0.30 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 4.5  | 1.3  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 105        |           | 70-130              |
| Toluene-d8            | 79         |           | 70-130              |
| 4-Bromofluorobenzene  | 95         |           | 70-130              |
| Dibromofluoromethane  | 102        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-16  
 Client ID: WC-B-GRAB\_11-12  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 13:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/22/23 16:07  
 Analyst: JIC  
 Percent Solids: 84%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.1  | 2.3  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.5  | 0.14 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.0  | 0.23 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.0  | 0.13 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.0  | 0.27 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.51 | 0.20 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.51 | 0.13 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.0  | 0.70 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.26 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.51 | 0.17 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.51 | 0.11 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.51 | 0.16 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.51 | 0.16 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.51 | 0.16 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.0  | 0.25 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.51 | 0.17 | 1               |
| Benzene                                             | 1.6    |           | ug/kg | 0.51 | 0.17 | 1               |
| Toluene                                             | 6.7    |           | ug/kg | 1.0  | 0.55 | 1               |
| Ethylbenzene                                        | 10     |           | ug/kg | 1.0  | 0.14 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.0  | 0.94 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.0  | 0.59 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.0  | 0.34 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.0  | 0.46 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.0  | 0.24 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.5  | 0.14 | 1               |



Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-16  
 Client ID: WC-B-GRAB\_11-12  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 13:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.51 | 0.14 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.14 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.15 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.17 | 1               |
| Methyl tert butyl ether                             | 7.7    |           | ug/kg | 2.0  | 0.20 | 1               |
| p/m-Xylene                                          | 42     |           | ug/kg | 2.0  | 0.57 | 1               |
| o-Xylene                                            | 19     |           | ug/kg | 1.0  | 0.29 | 1               |
| Xylenes, Total                                      | 61     |           | ug/kg | 1.0  | 0.29 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.0  | 0.18 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.0  | 0.24 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.0  | 0.20 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 10   | 0.93 | 1               |
| Acetone                                             | 62     |           | ug/kg | 10   | 4.9  | 1               |
| Carbon disulfide                                    | 7.8    | J         | ug/kg | 10   | 4.6  | 1               |
| 2-Butanone                                          | 5.1    | J         | ug/kg | 10   | 2.2  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 10   | 2.2  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 10   | 1.3  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.0  | 0.13 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 10   | 1.2  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.0  | 0.21 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.0  | 0.20 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.0  | 0.17 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.51 | 0.13 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.0  | 0.15 | 1               |
| n-Butylbenzene                                      | 12     |           | ug/kg | 1.0  | 0.17 | 1               |
| sec-Butylbenzene                                    | 7.6    |           | ug/kg | 1.0  | 0.15 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.0  | 0.12 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.0  | 0.19 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.0  | 0.11 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.0  | 1.0  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.0  | 0.17 | 1               |
| Isopropylbenzene                                    | 10     |           | ug/kg | 1.0  | 0.11 | 1               |
| p-Isopropyltoluene                                  | 3.2    |           | ug/kg | 1.0  | 0.11 | 1               |
| Naphthalene                                         | 22     |           | ug/kg | 4.0  | 0.66 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.0  | 1.2  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-16**Date Collected:** 05/16/23 13:00**Client ID:** WC-B-GRAB\_11-12**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | 32     |           | ug/kg | 1.0 | 0.17 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.0 | 0.33 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.0 | 0.28 | 1               |
| 1,3,5-Trimethylbenzene                              | 48     |           | ug/kg | 2.0 | 0.20 | 1               |
| 1,2,4-Trimethylbenzene                              | 160    |           | ug/kg | 2.0 | 0.34 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 81  | 36.  | 1               |
| p-Diethylbenzene                                    | 30     |           | ug/kg | 2.0 | 0.18 | 1               |
| p-Ethyltoluene                                      | 100    |           | ug/kg | 2.0 | 0.39 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | 30     |           | ug/kg | 2.0 | 0.19 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.0 | 0.34 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.1 | 1.4  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 104        |           | 70-130              |
| Toluene-d8            | 80         |           | 70-130              |
| 4-Bromofluorobenzene  | 92         |           | 70-130              |
| Dibromofluoromethane  | 65         | Q         | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-17  
 Client ID: WC-B-GRAB\_15-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 13:05  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/22/23 16:30  
 Analyst: JIC  
 Percent Solids: 91%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 4.2  | 1.9  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 0.84 | 0.12 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.3  | 0.12 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 0.84 | 0.19 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 0.84 | 0.10 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 0.84 | 0.12 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 0.84 | 0.22 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.42 | 0.16 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.42 | 0.11 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 3.4  | 0.58 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 0.84 | 0.22 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.42 | 0.14 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.42 | 0.09 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 0.84 | 0.23 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.42 | 0.13 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.42 | 0.13 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.42 | 0.13 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 3.4  | 0.21 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.42 | 0.14 | 1               |
| Benzene                                             | 2.8    |           | ug/kg | 0.42 | 0.14 | 1               |
| Toluene                                             | ND     |           | ug/kg | 0.84 | 0.46 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 0.84 | 0.12 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 3.4  | 0.78 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 1.7  | 0.49 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 0.84 | 0.28 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 1.7  | 0.38 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 0.84 | 0.20 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.3  | 0.12 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-17  
 Client ID: WC-B-GRAB\_15-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 13:05  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.42 | 0.12 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.12 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.12 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.14 | 1               |
| Methyl tert butyl ether                             | 2.1    |           | ug/kg | 1.7  | 0.17 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 1.7  | 0.47 | 1               |
| o-Xylene                                            | 0.35   | J         | ug/kg | 0.84 | 0.24 | 1               |
| Xylenes, Total                                      | 0.35   | J         | ug/kg | 0.84 | 0.24 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 0.84 | 0.15 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 0.84 | 0.12 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 1.7  | 0.20 | 1               |
| Styrene                                             | ND     |           | ug/kg | 0.84 | 0.16 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 8.4  | 0.77 | 1               |
| Acetone                                             | 8.4    |           | ug/kg | 8.4  | 4.0  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 8.4  | 3.8  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 8.4  | 1.9  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 8.4  | 1.8  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 8.4  | 1.1  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 1.7  | 0.11 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 8.4  | 0.99 | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 1.7  | 0.17 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 1.7  | 0.17 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 0.84 | 0.23 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 1.7  | 0.14 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.42 | 0.11 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 1.7  | 0.12 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 0.84 | 0.14 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 0.84 | 0.12 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 1.7  | 0.10 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 1.7  | 0.16 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 1.7  | 0.09 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 2.5  | 0.84 | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 3.4  | 0.14 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 0.84 | 0.09 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 0.84 | 0.09 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 3.4  | 0.55 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 3.4  | 0.97 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-17**Date Collected:** 05/16/23 13:05**Client ID:** WC-B-GRAB\_15-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 0.84 | 0.14 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 1.7  | 0.27 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 1.7  | 0.23 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 1.7  | 0.16 | 1               |
| 1,2,4-Trimethylbenzene                              | 0.37   | J         | ug/kg | 1.7  | 0.28 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 67   | 30.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 1.7  | 0.15 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 1.7  | 0.32 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 1.7  | 0.16 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 1.7  | 0.29 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 4.2  | 1.2  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 110        |           | 70-130              |
| Toluene-d8            | 90         |           | 70-130              |
| 4-Bromofluorobenzene  | 87         |           | 70-130              |
| Dibromofluoromethane  | 120        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-18  
 Client ID: SRI-01\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 08:50  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 14:13  
 Analyst: AJK  
 Percent Solids: 97%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.2  | 2.4  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.6  | 0.14 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.0  | 0.24 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.0  | 0.13 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.52 | 0.20 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.52 | 0.13 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.2  | 0.72 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.27 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.52 | 0.17 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.52 | 0.11 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.52 | 0.16 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.52 | 0.16 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.52 | 0.16 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.2  | 0.26 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.52 | 0.17 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.52 | 0.17 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.0  | 0.56 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.2  | 0.97 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.1  | 0.60 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.0  | 0.35 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.1  | 0.47 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.0  | 0.25 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.6  | 0.14 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-18**Date Collected:** 05/16/23 08:50**Client ID:** SRI-01\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.52 | 0.14 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.18 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.1  | 0.21 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.1  | 0.58 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.0  | 0.30 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.0  | 0.30 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.0  | 0.18 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.1  | 0.25 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.0  | 0.20 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 10   | 0.95 | 1               |
| Acetone                                             | 5.1    | J         | ug/kg | 10   | 5.0  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 10   | 4.7  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 10   | 2.3  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 10   | 2.2  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 10   | 1.3  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.1  | 0.13 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 10   | 1.2  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.1  | 0.21 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.1  | 0.21 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.0  | 0.29 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.1  | 0.17 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.52 | 0.14 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.0  | 0.17 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.1  | 0.12 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.1  | 0.20 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.1  | 0.11 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.1  | 1.0  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.2  | 0.18 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 4.2  | 0.67 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.2  | 1.2  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-18**Date Collected:** 05/16/23 08:50**Client ID:** SRI-01\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.0 | 0.18 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.1 | 0.33 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.1 | 0.28 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.1 | 0.20 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.1 | 0.35 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 83  | 36.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.1 | 0.18 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.1 | 0.40 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.1 | 0.20 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.1 | 0.35 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.2 | 1.5  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 100        |           | 70-130              |
| Toluene-d8            | 93         |           | 70-130              |
| 4-Bromofluorobenzene  | 92         |           | 70-130              |
| Dibromofluoromethane  | 109        |           | 70-130              |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-19  
 Client ID: SRI-01\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 08:55  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 11:05  
 Analyst: AJK  
 Percent Solids: 96%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.0  | 2.3  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.5  | 0.14 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.0  | 0.23 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.0  | 0.12 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.0  | 0.27 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.50 | 0.20 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.50 | 0.13 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.0  | 0.69 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.26 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.50 | 0.17 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.50 | 0.11 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.0  | 0.27 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.50 | 0.16 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.50 | 0.16 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.50 | 0.16 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.0  | 0.24 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.50 | 0.16 | 1               |
| Benzene                                             | 0.18   | J         | ug/kg | 0.50 | 0.16 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.0  | 0.54 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.0  | 0.93 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.0  | 0.58 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.0  | 0.33 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.0  | 0.45 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.0  | 0.24 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.5  | 0.14 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-19

Date Collected: 05/16/23 08:55

Client ID: SRI-01\_20-22

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.50 | 0.14 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.14 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.15 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.17 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.0  | 0.20 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.0  | 0.56 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.0  | 0.29 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.0  | 0.29 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.0  | 0.17 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.0  | 0.24 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.0  | 0.20 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 10   | 0.91 | 1               |
| Acetone                                             | 13     |           | ug/kg | 10   | 4.8  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 10   | 4.5  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 10   | 2.2  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 10   | 2.1  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 10   | 1.3  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.0  | 0.13 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 10   | 1.2  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.0  | 0.20 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.0  | 0.20 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.0  | 0.17 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.50 | 0.13 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.0  | 0.14 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.0  | 0.17 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.0  | 0.12 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.0  | 0.19 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.0  | 0.11 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.0  | 1.0  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.0  | 0.17 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 4.0  | 0.65 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.0  | 1.1  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-19**Date Collected:** 05/16/23 08:55**Client ID:** SRI-01\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.0 | 0.17 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.0 | 0.32 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.0 | 0.27 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.0 | 0.19 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.0 | 0.33 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 80  | 35.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.0 | 0.18 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.0 | 0.38 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.0 | 0.19 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.0 | 0.34 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.0 | 1.4  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 91         |           | 70-130              |
| Toluene-d8            | 93         |           | 70-130              |
| 4-Bromofluorobenzene  | 89         |           | 70-130              |
| Dibromofluoromethane  | 105        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-21  
 Client ID: SRI-02\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 09:45  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 11:32  
 Analyst: JIC  
 Percent Solids: 80%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 6.1  | 2.8  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.2  | 0.18 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.8  | 0.17 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.2  | 0.28 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.2  | 0.15 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.2  | 0.17 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.2  | 0.32 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.61 | 0.24 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.61 | 0.15 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.8  | 0.84 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.2  | 0.31 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.61 | 0.20 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.61 | 0.13 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.2  | 0.33 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.61 | 0.19 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.61 | 0.19 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.61 | 0.19 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.8  | 0.30 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.61 | 0.20 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.61 | 0.20 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.2  | 0.66 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.2  | 0.17 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.8  | 1.1  | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.4  | 0.70 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.2  | 0.41 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.4  | 0.55 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.2  | 0.29 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.8  | 0.17 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-21

Date Collected: 05/16/23 09:45

Client ID: SRI-02\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.61 | 0.17 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.4  | 0.17 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.4  | 0.18 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.4  | 0.21 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.4  | 0.24 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.4  | 0.68 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.2  | 0.35 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.2  | 0.35 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.2  | 0.21 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.2  | 0.17 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.4  | 0.29 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.2  | 0.24 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 12   | 1.1  | 1               |
| Acetone                                             | 11     | J         | ug/kg | 12   | 5.8  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 12   | 5.5  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 12   | 2.7  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 12   | 2.6  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 12   | 1.6  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.4  | 0.15 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 12   | 1.4  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.4  | 0.25 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.4  | 0.24 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.2  | 0.34 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.4  | 0.20 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.61 | 0.16 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.4  | 0.18 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.2  | 0.20 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.2  | 0.18 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.4  | 0.14 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.4  | 0.23 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.4  | 0.13 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.6  | 1.2  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.8  | 0.20 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.2  | 0.13 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.2  | 0.13 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 4.8  | 0.79 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.8  | 1.4  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-21**Date Collected:** 05/16/23 09:45**Client ID:** SRI-02\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.2 | 0.21 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.4 | 0.39 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.4 | 0.33 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.4 | 0.23 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.4 | 0.40 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 97  | 43.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.4 | 0.22 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.4 | 0.47 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.4 | 0.23 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.4 | 0.41 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 6.1 | 1.7  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 94         |           | 70-130              |
| Toluene-d8            | 93         |           | 70-130              |
| 4-Bromofluorobenzene  | 120        |           | 70-130              |
| Dibromofluoromethane  | 106        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-22  
 Client ID: SRI-02\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 09:50  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 11:59  
 Analyst: JIC  
 Percent Solids: 80%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 6.4  | 2.9  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.3  | 0.19 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.9  | 0.18 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.3  | 0.30 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.3  | 0.16 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.3  | 0.18 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.3  | 0.34 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.64 | 0.25 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.64 | 0.16 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 5.1  | 0.89 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.3  | 0.33 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.64 | 0.21 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.64 | 0.14 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.3  | 0.35 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.64 | 0.20 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.64 | 0.20 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.64 | 0.20 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 5.1  | 0.32 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.64 | 0.21 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.64 | 0.21 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.3  | 0.70 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.3  | 0.18 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 5.1  | 1.2  | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.6  | 0.74 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.3  | 0.43 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.6  | 0.58 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.3  | 0.30 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.9  | 0.18 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-22

Date Collected: 05/16/23 09:50

Client ID: SRI-02\_20-22

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.64 | 0.18 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.6  | 0.18 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.6  | 0.19 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.6  | 0.22 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.6  | 0.26 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.6  | 0.72 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.3  | 0.37 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.3  | 0.37 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.3  | 0.22 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.3  | 0.18 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.6  | 0.30 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.3  | 0.25 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 13   | 1.2  | 1               |
| Acetone                                             | 6.4    | J         | ug/kg | 13   | 6.2  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 13   | 5.8  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 13   | 2.8  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 13   | 2.8  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 13   | 1.6  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.6  | 0.16 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 13   | 1.5  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.6  | 0.26 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.6  | 0.26 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.3  | 0.36 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.6  | 0.21 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.64 | 0.17 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.6  | 0.19 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.3  | 0.21 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.3  | 0.19 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.6  | 0.15 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.6  | 0.24 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.6  | 0.14 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.8  | 1.3  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 5.1  | 0.22 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.3  | 0.14 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.3  | 0.14 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 5.1  | 0.83 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 5.1  | 1.5  | 1               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-22**Date Collected:** 05/16/23 09:50**Client ID:** SRI-02\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.3 | 0.22 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.6 | 0.41 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.6 | 0.35 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.6 | 0.25 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.6 | 0.43 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 100 | 45.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.6 | 0.23 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.6 | 0.49 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.6 | 0.24 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.6 | 0.44 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 6.4 | 1.8  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 99         |           | 70-130              |
| Toluene-d8            | 93         |           | 70-130              |
| 4-Bromofluorobenzene  | 86         |           | 70-130              |
| Dibromofluoromethane  | 108        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-24  
 Client ID: SRI-06\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:50  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 12:26  
 Analyst: JIC  
 Percent Solids: 98%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 4.6  | 2.1  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 0.91 | 0.13 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.4  | 0.13 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 0.91 | 0.21 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 0.91 | 0.11 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 0.91 | 0.13 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 0.91 | 0.24 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.46 | 0.18 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.46 | 0.12 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 3.6  | 0.63 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 0.91 | 0.23 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.46 | 0.15 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.46 | 0.10 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 0.91 | 0.25 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.46 | 0.14 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.46 | 0.14 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.46 | 0.14 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 3.6  | 0.22 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.46 | 0.15 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.46 | 0.15 | 1               |
| Toluene                                             | ND     |           | ug/kg | 0.91 | 0.50 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 0.91 | 0.13 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 3.6  | 0.85 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 1.8  | 0.53 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 0.91 | 0.30 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 1.8  | 0.41 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 0.91 | 0.22 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.4  | 0.12 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-24

Date Collected: 05/16/23 10:50

Client ID: SRI-06\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.46 | 0.12 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 1.8  | 0.13 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 1.8  | 0.14 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 1.8  | 0.16 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 1.8  | 0.18 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 1.8  | 0.51 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 0.91 | 0.26 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 0.91 | 0.26 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 0.91 | 0.16 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 0.91 | 0.12 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 1.8  | 0.22 | 1               |
| Styrene                                             | ND     |           | ug/kg | 0.91 | 0.18 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 9.1  | 0.84 | 1               |
| Acetone                                             | ND     |           | ug/kg | 9.1  | 4.4  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 9.1  | 4.2  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 9.1  | 2.0  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 9.1  | 2.0  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 9.1  | 1.2  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 1.8  | 0.12 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 9.1  | 1.1  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 1.8  | 0.19 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 1.8  | 0.18 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 0.91 | 0.25 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 1.8  | 0.15 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.46 | 0.12 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 1.8  | 0.13 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 0.91 | 0.15 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 0.91 | 0.13 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 1.8  | 0.11 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 1.8  | 0.17 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 1.8  | 0.10 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 2.7  | 0.91 | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 3.6  | 0.15 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 0.91 | 0.10 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 0.91 | 0.10 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 3.6  | 0.59 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 3.6  | 1.0  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-24**Date Collected:** 05/16/23 10:50**Client ID:** SRI-06\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 0.91 | 0.16 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 1.8  | 0.29 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 1.8  | 0.25 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 1.8  | 0.18 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 1.8  | 0.30 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 73   | 32.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 1.8  | 0.16 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 1.8  | 0.35 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 1.8  | 0.17 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 1.8  | 0.31 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 4.6  | 1.3  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 93         |           | 70-130              |
| Toluene-d8            | 94         |           | 70-130              |
| 4-Bromofluorobenzene  | 87         |           | 70-130              |
| Dibromofluoromethane  | 109        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-25  
 Client ID: SRI-06\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:55  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 12:53  
 Analyst: JIC  
 Percent Solids: 96%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 4.3  | 2.0  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 0.86 | 0.12 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.3  | 0.12 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 0.86 | 0.20 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 0.86 | 0.11 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 0.86 | 0.12 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 0.86 | 0.23 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.43 | 0.17 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.43 | 0.11 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 3.4  | 0.60 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 0.86 | 0.22 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.43 | 0.14 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.43 | 0.09 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 0.86 | 0.23 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.43 | 0.14 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.43 | 0.14 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.43 | 0.14 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 3.4  | 0.21 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.43 | 0.14 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.43 | 0.14 | 1               |
| Toluene                                             | ND     |           | ug/kg | 0.86 | 0.46 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 0.86 | 0.12 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 3.4  | 0.80 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 1.7  | 0.50 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 0.86 | 0.29 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 1.7  | 0.39 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 0.86 | 0.20 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.3  | 0.12 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-25  
 Client ID: SRI-06\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:55  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.43 | 0.12 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.12 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.13 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 1.7  | 0.15 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 1.7  | 0.17 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 1.7  | 0.48 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 0.86 | 0.25 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 0.86 | 0.25 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 0.86 | 0.15 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 0.86 | 0.12 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 1.7  | 0.20 | 1               |
| Styrene                                             | ND     |           | ug/kg | 0.86 | 0.17 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 8.6  | 0.78 | 1               |
| Acetone                                             | ND     |           | ug/kg | 8.6  | 4.1  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 8.6  | 3.9  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 8.6  | 1.9  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 8.6  | 1.8  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 8.6  | 1.1  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 1.7  | 0.11 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 8.6  | 1.0  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 1.7  | 0.18 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 1.7  | 0.17 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 0.86 | 0.24 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 1.7  | 0.14 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.43 | 0.11 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 1.7  | 0.12 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 0.86 | 0.14 | 1               |
| sec-Butylbenzene                                    | 3.9    |           | ug/kg | 0.86 | 0.12 | 1               |
| tert-Butylbenzene                                   | 0.19   | J         | ug/kg | 1.7  | 0.10 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 1.7  | 0.16 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 1.7  | 0.09 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 2.6  | 0.86 | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 3.4  | 0.14 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 0.86 | 0.09 | 1               |
| p-Isopropyltoluene                                  | 4.1    |           | ug/kg | 0.86 | 0.09 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 3.4  | 0.56 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 3.4  | 0.98 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-25**Date Collected:** 05/16/23 10:55**Client ID:** SRI-06\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 0.86 | 0.15 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 1.7  | 0.28 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 1.7  | 0.23 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 1.7  | 0.16 | 1               |
| 1,2,4-Trimethylbenzene                              | 1.1    | J         | ug/kg | 1.7  | 0.29 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 68   | 30.  | 1               |
| p-Diethylbenzene                                    | 22     |           | ug/kg | 1.7  | 0.15 | 1               |
| p-Ethyltoluene                                      | 0.92   | J         | ug/kg | 1.7  | 0.33 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | 20     |           | ug/kg | 1.7  | 0.16 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 1.7  | 0.29 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 4.3  | 1.2  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 94         |           | 70-130              |
| Toluene-d8            | 127        |           | 70-130              |
| 4-Bromofluorobenzene  | 88         |           | 70-130              |
| Dibromofluoromethane  | 103        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-27  
 Client ID: SRI-05\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:35  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 13:20  
 Analyst: AJK  
 Percent Solids: 89%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.0  | 2.3  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.5  | 0.14 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.0  | 0.23 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.0  | 0.13 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.0  | 0.27 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.50 | 0.20 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.50 | 0.13 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.0  | 0.70 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.26 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.50 | 0.17 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.50 | 0.11 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.50 | 0.16 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.50 | 0.16 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.50 | 0.16 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.0  | 0.25 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.50 | 0.17 | 1               |
| Benzene                                             | 2.6    |           | ug/kg | 0.50 | 0.17 | 1               |
| Toluene                                             | 0.55   | J         | ug/kg | 1.0  | 0.55 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.0  | 0.94 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.0  | 0.59 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.0  | 0.34 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.0  | 0.46 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.0  | 0.24 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.5  | 0.14 | 1               |



Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-27

Date Collected: 05/16/23 12:35

Client ID: SRI-05\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.50 | 0.14 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.14 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.15 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.17 | 1               |
| Methyl tert butyl ether                             | 0.71   | J         | ug/kg | 2.0  | 0.20 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.0  | 0.56 | 1               |
| o-Xylene                                            | 0.49   | J         | ug/kg | 1.0  | 0.29 | 1               |
| Xylenes, Total                                      | 0.49   | J         | ug/kg | 1.0  | 0.29 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.0  | 0.18 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.0  | 0.24 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.0  | 0.20 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 10   | 0.92 | 1               |
| Acetone                                             | 12     |           | ug/kg | 10   | 4.8  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 10   | 4.6  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 10   | 2.2  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 10   | 2.2  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 10   | 1.3  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.0  | 0.13 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 10   | 1.2  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.0  | 0.21 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.0  | 0.20 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.0  | 0.17 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.50 | 0.13 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.0  | 0.15 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.0  | 0.17 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.0  | 0.12 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.0  | 0.19 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.0  | 0.11 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.0  | 1.0  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.0  | 0.17 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 4.0  | 0.66 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.0  | 1.2  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-27**Date Collected:** 05/16/23 12:35**Client ID:** SRI-05\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.0 | 0.17 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.0 | 0.32 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.0 | 0.27 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.0 | 0.19 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.0 | 0.34 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 81  | 35.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.0 | 0.18 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.0 | 0.39 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.0 | 0.19 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.0 | 0.34 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.0 | 1.4  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 97         |           | 70-130              |
| Toluene-d8            | 94         |           | 70-130              |
| 4-Bromofluorobenzene  | 95         |           | 70-130              |
| Dibromofluoromethane  | 106        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-28  
 Client ID: SRI-05\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:40  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 13:47  
 Analyst: AJK  
 Percent Solids: 90%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.6  | 2.5  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.1  | 0.16 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.7  | 0.16 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.1  | 0.26 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.1  | 0.14 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.1  | 0.16 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.1  | 0.30 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.56 | 0.22 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.56 | 0.14 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.4  | 0.77 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.1  | 0.28 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.56 | 0.18 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.56 | 0.12 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.1  | 0.30 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.56 | 0.18 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.56 | 0.18 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.56 | 0.18 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.4  | 0.27 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.56 | 0.18 | 1               |
| Benzene                                             | 0.72   |           | ug/kg | 0.56 | 0.18 | 1               |
| Toluene                                             | 2.4    |           | ug/kg | 1.1  | 0.60 | 1               |
| Ethylbenzene                                        | 2.3    |           | ug/kg | 1.1  | 0.16 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.4  | 1.0  | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.2  | 0.65 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.1  | 0.37 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.2  | 0.50 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.1  | 0.26 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.7  | 0.15 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-28

Date Collected: 05/16/23 12:40

Client ID: SRI-05\_20-22

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.56 | 0.15 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.2  | 0.16 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.2  | 0.16 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.2  | 0.19 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.2  | 0.22 | 1               |
| p/m-Xylene                                          | 10     |           | ug/kg | 2.2  | 0.62 | 1               |
| o-Xylene                                            | 3.6    |           | ug/kg | 1.1  | 0.32 | 1               |
| Xylenes, Total                                      | 14     |           | ug/kg | 1.1  | 0.32 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.1  | 0.19 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.1  | 0.15 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.2  | 0.26 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.1  | 0.22 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 11   | 1.0  | 1               |
| Acetone                                             | 13     |           | ug/kg | 11   | 5.4  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 11   | 5.1  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 11   | 2.5  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 11   | 2.4  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 11   | 1.4  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.2  | 0.14 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 11   | 1.3  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.2  | 0.23 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.2  | 0.22 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.1  | 0.31 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.2  | 0.18 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.56 | 0.15 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.2  | 0.16 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.1  | 0.18 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.1  | 0.16 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.2  | 0.13 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.2  | 0.21 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.2  | 0.12 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.3  | 1.1  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.4  | 0.19 | 1               |
| Isopropylbenzene                                    | 0.12   | J         | ug/kg | 1.1  | 0.12 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.1  | 0.12 | 1               |
| Naphthalene                                         | 2.0    | J         | ug/kg | 4.4  | 0.72 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.4  | 1.3  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-28**Date Collected:** 05/16/23 12:40**Client ID:** SRI-05\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | 0.56   | J         | ug/kg | 1.1 | 0.19 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.2 | 0.36 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.2 | 0.30 | 1               |
| 1,3,5-Trimethylbenzene                              | 0.79   | J         | ug/kg | 2.2 | 0.21 | 1               |
| 1,2,4-Trimethylbenzene                              | 3.5    |           | ug/kg | 2.2 | 0.37 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 89  | 39.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.2 | 0.20 | 1               |
| p-Ethyltoluene                                      | 2.3    |           | ug/kg | 2.2 | 0.43 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | 0.30   | J         | ug/kg | 2.2 | 0.21 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.2 | 0.38 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.6 | 1.6  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 102        |           | 70-130              |
| Toluene-d8            | 95         |           | 70-130              |
| 4-Bromofluorobenzene  | 92         |           | 70-130              |
| Dibromofluoromethane  | 108        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-30  
 Client ID: SRI-07\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 10:38  
 Analyst: AJK  
 Percent Solids: 87%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 6.0  | 2.8  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.2  | 0.17 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.8  | 0.17 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.2  | 0.28 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.2  | 0.15 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.2  | 0.17 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.2  | 0.32 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.60 | 0.24 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.60 | 0.15 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.8  | 0.83 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.2  | 0.31 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.60 | 0.20 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.60 | 0.13 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.2  | 0.33 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.60 | 0.19 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.60 | 0.19 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.60 | 0.19 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.8  | 0.30 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.60 | 0.20 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.60 | 0.20 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.2  | 0.65 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.2  | 0.17 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.8  | 1.1  | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.4  | 0.70 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.2  | 0.40 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.4  | 0.54 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.2  | 0.28 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.8  | 0.16 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-30

Date Collected: 05/16/23 12:00

Client ID: SRI-07\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.60 | 0.16 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.4  | 0.17 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.4  | 0.18 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.4  | 0.20 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.4  | 0.24 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.4  | 0.67 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.2  | 0.35 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.2  | 0.35 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.2  | 0.21 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.2  | 0.16 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.4  | 0.28 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.2  | 0.24 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 12   | 1.1  | 1               |
| Acetone                                             | ND     |           | ug/kg | 12   | 5.8  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 12   | 5.5  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 12   | 2.7  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 12   | 2.6  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 12   | 1.5  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.4  | 0.15 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 12   | 1.4  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.4  | 0.25 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.4  | 0.24 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.2  | 0.34 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.4  | 0.20 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.60 | 0.16 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.4  | 0.17 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.2  | 0.20 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.2  | 0.18 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.4  | 0.14 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.4  | 0.23 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.4  | 0.13 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.6  | 1.2  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.8  | 0.20 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.2  | 0.13 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.2  | 0.13 | 1               |
| Naphthalene                                         | 1.4    | J         | ug/kg | 4.8  | 0.78 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.8  | 1.4  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-30**Date Collected:** 05/16/23 12:00**Client ID:** SRI-07\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.2 | 0.20 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.4 | 0.39 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.4 | 0.33 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.4 | 0.23 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.4 | 0.40 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 96  | 42.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.4 | 0.21 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.4 | 0.46 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.4 | 0.23 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.4 | 0.41 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 6.0 | 1.7  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 100        |           | 70-130              |
| Toluene-d8            | 98         |           | 70-130              |
| 4-Bromofluorobenzene  | 96         |           | 70-130              |
| Dibromofluoromethane  | 102        |           | 70-130              |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-31  
 Client ID: SRI-07\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:05  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 11:03  
 Analyst: AJK  
 Percent Solids: 97%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 4.1  | 1.9  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 0.81 | 0.12 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.2  | 0.11 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 0.81 | 0.19 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 0.81 | 0.10 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 0.81 | 0.11 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 0.81 | 0.22 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.41 | 0.16 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.41 | 0.10 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 3.2  | 0.56 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 0.81 | 0.21 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.41 | 0.14 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.41 | 0.09 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 0.81 | 0.22 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.41 | 0.13 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.41 | 0.13 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.41 | 0.13 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 3.2  | 0.20 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.41 | 0.14 | 1               |
| Benzene                                             | 0.24   | J         | ug/kg | 0.41 | 0.14 | 1               |
| Toluene                                             | ND     |           | ug/kg | 0.81 | 0.44 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 0.81 | 0.11 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 3.2  | 0.76 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 1.6  | 0.47 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 0.81 | 0.27 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 1.6  | 0.37 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 0.81 | 0.19 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.2  | 0.11 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-31

Date Collected: 05/16/23 12:05

Client ID: SRI-07\_20-22

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.41 | 0.11 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 1.6  | 0.12 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 1.6  | 0.12 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 1.6  | 0.14 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 1.6  | 0.16 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 1.6  | 0.46 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 0.81 | 0.24 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 0.81 | 0.24 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 0.81 | 0.14 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 0.81 | 0.11 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 1.6  | 0.19 | 1               |
| Styrene                                             | ND     |           | ug/kg | 0.81 | 0.16 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 8.1  | 0.74 | 1               |
| Acetone                                             | 22     |           | ug/kg | 8.1  | 3.9  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 8.1  | 3.7  | 1               |
| 2-Butanone                                          | 4.0    | J         | ug/kg | 8.1  | 1.8  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 8.1  | 1.7  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 8.1  | 1.0  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 1.6  | 0.10 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 8.1  | 0.96 | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 1.6  | 0.17 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 1.6  | 0.16 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 0.81 | 0.23 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 1.6  | 0.14 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.41 | 0.11 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 1.6  | 0.12 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 0.81 | 0.14 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 0.81 | 0.12 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 1.6  | 0.10 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 1.6  | 0.16 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 1.6  | 0.09 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 2.4  | 0.81 | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 3.2  | 0.14 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 0.81 | 0.09 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 0.81 | 0.09 | 1               |
| Naphthalene                                         | 0.83   | J         | ug/kg | 3.2  | 0.53 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 3.2  | 0.94 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-31**Date Collected:** 05/16/23 12:05**Client ID:** SRI-07\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 0.81 | 0.14 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 1.6  | 0.26 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 1.6  | 0.22 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 1.6  | 0.16 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 1.6  | 0.27 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 65   | 28.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 1.6  | 0.14 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 1.6  | 0.31 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 1.6  | 0.16 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 1.6  | 0.28 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 4.1  | 1.2  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 109        |           | 70-130              |
| Toluene-d8            | 95         |           | 70-130              |
| 4-Bromofluorobenzene  | 95         |           | 70-130              |
| Dibromofluoromethane  | 105        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-33  
 Client ID: SRI-08\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 13:20  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 11:29  
 Analyst: AJK  
 Percent Solids: 88%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 4.8  | 2.2  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 0.95 | 0.14 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.4  | 0.13 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 0.95 | 0.22 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 0.95 | 0.12 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 0.95 | 0.13 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 0.95 | 0.25 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.48 | 0.19 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.48 | 0.12 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 3.8  | 0.66 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 0.95 | 0.24 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.48 | 0.16 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.48 | 0.10 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 0.95 | 0.26 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.48 | 0.15 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.48 | 0.15 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.48 | 0.15 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 3.8  | 0.23 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.48 | 0.16 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.48 | 0.16 | 1               |
| Toluene                                             | ND     |           | ug/kg | 0.95 | 0.52 | 1               |
| Ethylbenzene                                        | 4.4    |           | ug/kg | 0.95 | 0.13 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 3.8  | 0.89 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 1.9  | 0.55 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 0.95 | 0.32 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 1.9  | 0.43 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 0.95 | 0.23 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.4  | 0.13 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-33

Date Collected: 05/16/23 13:20

Client ID: SRI-08\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.48 | 0.13 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 1.9  | 0.14 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 1.9  | 0.14 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 1.9  | 0.16 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 1.9  | 0.19 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 1.9  | 0.53 | 1               |
| o-Xylene                                            | 0.39   | J         | ug/kg | 0.95 | 0.28 | 1               |
| Xylenes, Total                                      | 0.39   | J         | ug/kg | 0.95 | 0.28 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 0.95 | 0.17 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 0.95 | 0.13 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 1.9  | 0.23 | 1               |
| Styrene                                             | ND     |           | ug/kg | 0.95 | 0.19 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 9.5  | 0.87 | 1               |
| Acetone                                             | 66     |           | ug/kg | 9.5  | 4.6  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 9.5  | 4.3  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 9.5  | 2.1  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 9.5  | 2.0  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 9.5  | 1.2  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 1.9  | 0.12 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 9.5  | 1.1  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 1.9  | 0.20 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 1.9  | 0.19 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 0.95 | 0.26 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 1.9  | 0.16 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.48 | 0.12 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 1.9  | 0.14 | 1               |
| n-Butylbenzene                                      | 12     |           | ug/kg | 0.95 | 0.16 | 1               |
| sec-Butylbenzene                                    | 23     |           | ug/kg | 0.95 | 0.14 | 1               |
| tert-Butylbenzene                                   | 0.44   | J         | ug/kg | 1.9  | 0.11 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 1.9  | 0.18 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 1.9  | 0.10 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 2.8  | 0.95 | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 3.8  | 0.16 | 1               |
| Isopropylbenzene                                    | 12     |           | ug/kg | 0.95 | 0.10 | 1               |
| p-Isopropyltoluene                                  | 6.4    |           | ug/kg | 0.95 | 0.10 | 1               |
| Naphthalene                                         | 2.6    | J         | ug/kg | 3.8  | 0.62 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 3.8  | 1.1  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-33**Date Collected:** 05/16/23 13:20**Client ID:** SRI-08\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| n-Propylbenzene                                     | 50     |           | ug/kg | 0.95 | 0.16 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 1.9  | 0.31 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 1.9  | 0.26 | 1               |
| 1,3,5-Trimethylbenzene                              | 0.40   | J         | ug/kg | 1.9  | 0.18 | 1               |
| 1,2,4-Trimethylbenzene                              | 100    |           | ug/kg | 1.9  | 0.32 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 76   | 33.  | 1               |
| p-Diethylbenzene                                    | 52     |           | ug/kg | 1.9  | 0.17 | 1               |
| p-Ethyltoluene                                      | 2.8    |           | ug/kg | 1.9  | 0.36 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | 130    |           | ug/kg | 1.9  | 0.18 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 1.9  | 0.32 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 4.8  | 1.4  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 97         |           | 70-130              |
| Toluene-d8            | 104        |           | 70-130              |
| 4-Bromofluorobenzene  | 119        |           | 70-130              |
| Dibromofluoromethane  | 99         |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-34  
 Client ID: SRI-08\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 13:25  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 11:54  
 Analyst: AJK  
 Percent Solids: 95%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.4  | 2.5  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.1  | 0.16 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.6  | 0.15 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.1  | 0.25 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.1  | 0.13 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.1  | 0.15 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.1  | 0.29 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.54 | 0.21 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.54 | 0.14 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.3  | 0.75 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.1  | 0.28 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.54 | 0.18 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.54 | 0.12 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.1  | 0.29 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.54 | 0.17 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.54 | 0.17 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.54 | 0.17 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.3  | 0.26 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.54 | 0.18 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.54 | 0.18 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.1  | 0.58 | 1               |
| Ethylbenzene                                        | 15     |           | ug/kg | 1.1  | 0.15 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.3  | 1.0  | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.2  | 0.62 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.1  | 0.36 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.2  | 0.48 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.1  | 0.26 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.6  | 0.15 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-34

Date Collected: 05/16/23 13:25

Client ID: SRI-08\_20-22

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.54 | 0.15 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.2  | 0.15 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.2  | 0.16 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.2  | 0.18 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.2  | 0.22 | 1               |
| p/m-Xylene                                          | 35     |           | ug/kg | 2.2  | 0.60 | 1               |
| o-Xylene                                            | 1.1    |           | ug/kg | 1.1  | 0.31 | 1               |
| Xylenes, Total                                      | 36     |           | ug/kg | 1.1  | 0.31 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.1  | 0.19 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.1  | 0.15 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.2  | 0.26 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.1  | 0.21 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 11   | 0.98 | 1               |
| Acetone                                             | 32     |           | ug/kg | 11   | 5.2  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 11   | 4.9  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 11   | 2.4  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 11   | 2.3  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 11   | 1.4  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.2  | 0.14 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 11   | 1.3  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.2  | 0.22 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.2  | 0.22 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.1  | 0.30 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.2  | 0.18 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.54 | 0.14 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.2  | 0.16 | 1               |
| n-Butylbenzene                                      | 3.4    |           | ug/kg | 1.1  | 0.18 | 1               |
| sec-Butylbenzene                                    | 1.1    |           | ug/kg | 1.1  | 0.16 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.2  | 0.13 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.2  | 0.20 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.2  | 0.12 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.2  | 1.1  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.3  | 0.18 | 1               |
| Isopropylbenzene                                    | 2.3    |           | ug/kg | 1.1  | 0.12 | 1               |
| p-Isopropyltoluene                                  | 0.59   | J         | ug/kg | 1.1  | 0.12 | 1               |
| Naphthalene                                         | 13     |           | ug/kg | 4.3  | 0.70 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.3  | 1.2  | 1               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-34**Date Collected:** 05/16/23 13:25**Client ID:** SRI-08\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | 8.6    |           | ug/kg | 1.1 | 0.18 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.2 | 0.35 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.2 | 0.29 | 1               |
| 1,3,5-Trimethylbenzene                              | 13     |           | ug/kg | 2.2 | 0.21 | 1               |
| 1,2,4-Trimethylbenzene                              | 64     |           | ug/kg | 2.2 | 0.36 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 86  | 38.  | 1               |
| p-Diethylbenzene                                    | 20     |           | ug/kg | 2.2 | 0.19 | 1               |
| p-Ethyltoluene                                      | 29     |           | ug/kg | 2.2 | 0.41 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | 9.6    |           | ug/kg | 2.2 | 0.20 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.2 | 0.37 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.4 | 1.5  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 93         |           | 70-130              |
| Toluene-d8            | 99         |           | 70-130              |
| 4-Bromofluorobenzene  | 99         |           | 70-130              |
| Dibromofluoromethane  | 97         |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-36  
 Client ID: SRI-09\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 11:45  
 Analyst: AJK  
 Percent Solids: 90%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 4.4  | 2.0  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 0.89 | 0.13 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.3  | 0.12 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 0.89 | 0.20 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 0.89 | 0.11 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 0.89 | 0.12 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 0.89 | 0.24 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.44 | 0.17 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.44 | 0.11 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 3.5  | 0.62 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 0.89 | 0.23 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.44 | 0.15 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.44 | 0.10 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 0.89 | 0.24 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.44 | 0.14 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.44 | 0.14 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.44 | 0.14 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 3.5  | 0.22 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.44 | 0.15 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.44 | 0.15 | 1               |
| Toluene                                             | ND     |           | ug/kg | 0.89 | 0.48 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 0.89 | 0.12 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 3.5  | 0.83 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 1.8  | 0.52 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 0.89 | 0.30 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 1.8  | 0.40 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 0.89 | 0.21 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.3  | 0.12 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-36  
 Client ID: SRI-09\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.44 | 0.12 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 1.8  | 0.13 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 1.8  | 0.13 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 1.8  | 0.15 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 1.8  | 0.18 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 1.8  | 0.50 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 0.89 | 0.26 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 0.89 | 0.26 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 0.89 | 0.16 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 0.89 | 0.12 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 1.8  | 0.21 | 1               |
| Styrene                                             | ND     |           | ug/kg | 0.89 | 0.17 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 8.9  | 0.81 | 1               |
| Acetone                                             | ND     |           | ug/kg | 8.9  | 4.3  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 8.9  | 4.0  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 8.9  | 2.0  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 8.9  | 1.9  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 8.9  | 1.1  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 1.8  | 0.11 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 8.9  | 1.0  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 1.8  | 0.18 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 1.8  | 0.18 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 0.89 | 0.25 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 1.8  | 0.15 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.44 | 0.12 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 1.8  | 0.13 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 0.89 | 0.15 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 0.89 | 0.13 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 1.8  | 0.10 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 1.8  | 0.17 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 1.8  | 0.10 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 2.6  | 0.88 | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 3.5  | 0.15 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 0.89 | 0.10 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 0.89 | 0.10 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 3.5  | 0.58 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 3.5  | 1.0  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-36**Date Collected:** 05/16/23 14:00**Client ID:** SRI-09\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 0.89 | 0.15 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 1.8  | 0.28 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 1.8  | 0.24 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 1.8  | 0.17 | 1               |
| 1,2,4-Trimethylbenzene                              | 0.30   | J         | ug/kg | 1.8  | 0.30 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 71   | 31.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 1.8  | 0.16 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 1.8  | 0.34 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 1.8  | 0.17 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 1.8  | 0.30 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 4.4  | 1.2  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 107        |           | 70-130              |
| Toluene-d8            | 99         |           | 70-130              |
| 4-Bromofluorobenzene  | 93         |           | 70-130              |
| Dibromofluoromethane  | 102        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-37  
 Client ID: SRI-09\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:05  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 12:11  
 Analyst: AJK  
 Percent Solids: 88%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.2  | 2.4  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.5  | 0.14 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.0  | 0.24 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.0  | 0.13 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.52 | 0.20 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.52 | 0.13 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.1  | 0.72 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.26 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.52 | 0.17 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.52 | 0.11 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.52 | 0.16 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.52 | 0.16 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.52 | 0.16 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.1  | 0.25 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.52 | 0.17 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.52 | 0.17 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.0  | 0.56 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.1  | 0.96 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.1  | 0.60 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.0  | 0.35 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.1  | 0.47 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.0  | 0.24 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.5  | 0.14 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-37**Date Collected:** 05/16/23 14:05**Client ID:** SRI-09\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.52 | 0.14 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.18 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.1  | 0.21 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.1  | 0.58 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.0  | 0.30 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.0  | 0.30 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.0  | 0.18 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.1  | 0.24 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.0  | 0.20 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 10   | 0.94 | 1               |
| Acetone                                             | ND     |           | ug/kg | 10   | 5.0  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 10   | 4.7  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 10   | 2.3  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 10   | 2.2  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 10   | 1.3  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.1  | 0.13 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 10   | 1.2  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.1  | 0.21 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.1  | 0.21 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.0  | 0.29 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.1  | 0.17 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.52 | 0.14 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.0  | 0.17 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.1  | 0.12 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.1  | 0.20 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.1  | 0.11 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.1  | 1.0  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.1  | 0.17 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 4.1  | 0.67 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.1  | 1.2  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-37**Date Collected:** 05/16/23 14:05**Client ID:** SRI-09\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.0 | 0.18 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.1 | 0.33 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.1 | 0.28 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.1 | 0.20 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.1 | 0.34 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 83  | 36.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.1 | 0.18 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.1 | 0.40 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.1 | 0.20 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.1 | 0.35 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.2 | 1.5  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 105        |           | 70-130              |
| Toluene-d8            | 99         |           | 70-130              |
| 4-Bromofluorobenzene  | 94         |           | 70-130              |
| Dibromofluoromethane  | 102        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-39  
 Client ID: DUP-01\_05162023  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 00:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 14:16  
 Analyst: AJK  
 Percent Solids: 76%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.1  | 2.3  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.5  | 0.14 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.0  | 0.23 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.0  | 0.13 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.0  | 0.27 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.51 | 0.20 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.51 | 0.13 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.0  | 0.70 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.26 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.51 | 0.17 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.51 | 0.11 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.51 | 0.16 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.51 | 0.16 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.51 | 0.16 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.0  | 0.25 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.51 | 0.17 | 1               |
| Benzene                                             | 1.4    |           | ug/kg | 0.51 | 0.17 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.0  | 0.55 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.0  | 0.94 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.0  | 0.59 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.0  | 0.34 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.0  | 0.46 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.0  | 0.24 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.5  | 0.14 | 1               |



Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-39  
 Client ID: DUP-01\_05162023  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 00:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.51 | 0.14 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.15 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.15 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.0  | 0.17 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.0  | 0.20 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.0  | 0.57 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.0  | 0.30 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.0  | 0.30 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.0  | 0.18 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.0  | 0.24 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.0  | 0.20 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 10   | 0.93 | 1               |
| Acetone                                             | 8.6    | J         | ug/kg | 10   | 4.9  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 10   | 4.6  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 10   | 2.2  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 10   | 2.2  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 10   | 1.3  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.0  | 0.13 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 10   | 1.2  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.0  | 0.21 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.0  | 0.20 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.0  | 0.17 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.51 | 0.13 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.0  | 0.15 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.0  | 0.17 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.0  | 0.12 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.0  | 0.19 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.0  | 0.11 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.0  | 1.0  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.0  | 0.17 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 4.0  | 0.66 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.0  | 1.2  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-39**Date Collected:** 05/16/23 00:00**Client ID:** DUP-01\_05162023**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.0 | 0.17 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.0 | 0.33 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.0 | 0.28 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.0 | 0.20 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.0 | 0.34 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 81  | 36.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.0 | 0.18 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.0 | 0.39 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.0 | 0.19 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.0 | 0.34 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.1 | 1.4  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 118        |           | 70-130              |
| Toluene-d8            | 100        |           | 70-130              |
| 4-Bromofluorobenzene  | 100        |           | 70-130              |
| Dibromofluoromethane  | 109        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-40  
 Client ID: TRIP BLANK  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 00:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 09:48  
 Analyst: MKS

| Parameter                                    | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|----------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,1-Dichloroethane                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Chloroform                                   | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Carbon tetrachloride                         | ND     |           | ug/l  | 0.50 | 0.13 | 1               |
| 1,2-Dichloropropane                          | ND     |           | ug/l  | 1.0  | 0.14 | 1               |
| Dibromochloromethane                         | ND     |           | ug/l  | 0.50 | 0.15 | 1               |
| 1,1,2-Trichloroethane                        | ND     |           | ug/l  | 1.5  | 0.50 | 1               |
| Tetrachloroethene                            | ND     |           | ug/l  | 0.50 | 0.18 | 1               |
| Chlorobenzene                                | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Trichlorofluoromethane                       | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dichloroethane                           | ND     |           | ug/l  | 0.50 | 0.13 | 1               |
| 1,1,1-Trichloroethane                        | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromodichloromethane                         | ND     |           | ug/l  | 0.50 | 0.19 | 1               |
| trans-1,3-Dichloropropene                    | ND     |           | ug/l  | 0.50 | 0.16 | 1               |
| cis-1,3-Dichloropropene                      | ND     |           | ug/l  | 0.50 | 0.14 | 1               |
| 1,3-Dichloropropene, Total                   | ND     |           | ug/l  | 0.50 | 0.14 | 1               |
| 1,1-Dichloropropene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromoform                                    | ND     |           | ug/l  | 2.0  | 0.65 | 1               |
| 1,1,2,2-Tetrachloroethane                    | ND     |           | ug/l  | 0.50 | 0.17 | 1               |
| Benzene                                      | ND     |           | ug/l  | 0.50 | 0.16 | 1               |
| Toluene                                      | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Ethylbenzene                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Chloromethane                                | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromomethane                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Vinyl chloride                               | ND     |           | ug/l  | 1.0  | 0.07 | 1               |
| Chloroethane                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,1-Dichloroethene                           | ND     |           | ug/l  | 0.50 | 0.17 | 1               |
| trans-1,2-Dichloroethene                     | ND     |           | ug/l  | 2.5  | 0.70 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-40**Date Collected:** 05/16/23 00:00**Client ID:** TRIP BLANK**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                    | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|----------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                              | ND     |           | ug/l  | 0.50 | 0.18 | 1               |
| 1,2-Dichlorobenzene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,3-Dichlorobenzene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,4-Dichlorobenzene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Methyl tert butyl ether                      | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| p/m-Xylene                                   | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| o-Xylene                                     | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Xylenes, Total                               | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| cis-1,2-Dichloroethene                       | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dichloroethene, Total                    | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Dibromomethane                               | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 1,2,3-Trichloropropane                       | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Acrylonitrile                                | ND     |           | ug/l  | 5.0  | 1.5  | 1               |
| Styrene                                      | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Dichlorodifluoromethane                      | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| Acetone                                      | ND     |           | ug/l  | 5.0  | 1.5  | 1               |
| Carbon disulfide                             | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 2-Butanone                                   | ND     |           | ug/l  | 5.0  | 1.9  | 1               |
| Vinyl acetate                                | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 4-Methyl-2-pentanone                         | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 2-Hexanone                                   | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| Bromochloromethane                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 2,2-Dichloropropane                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dibromoethane                            | ND     |           | ug/l  | 2.0  | 0.65 | 1               |
| 1,3-Dichloropropane                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,1,1,2-Tetrachloroethane                    | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromobenzene                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| n-Butylbenzene                               | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| sec-Butylbenzene                             | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| tert-Butylbenzene                            | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| o-Chlorotoluene                              | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| p-Chlorotoluene                              | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dibromo-3-chloropropane                  | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Hexachlorobutadiene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Isopropylbenzene                             | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| p-Isopropyltoluene                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Naphthalene                                  | ND     |           | ug/l  | 2.5  | 0.70 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-40**Date Collected:** 05/16/23 00:00**Client ID:** TRIP BLANK**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                    | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|----------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                              | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,2,3-Trichlorobenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,2,4-Trichlorobenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,3,5-Trimethylbenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,2,4-Trimethylbenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,4-Dioxane                                  | ND     |           | ug/l  | 250 | 61.  | 1               |
| p-Diethylbenzene                             | ND     |           | ug/l  | 2.0 | 0.70 | 1               |
| p-Ethyltoluene                               | ND     |           | ug/l  | 2.0 | 0.70 | 1               |
| 1,2,4,5-Tetramethylbenzene                   | ND     |           | ug/l  | 2.0 | 0.54 | 1               |
| Ethyl ether                                  | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| trans-1,4-Dichloro-2-butene                  | ND     |           | ug/l  | 2.5 | 0.70 | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 114        |           | 70-130              |
| Toluene-d8            | 96         |           | 70-130              |
| 4-Bromofluorobenzene  | 94         |           | 70-130              |
| Dibromofluoromethane  | 105        |           | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/17/23 08:00  
**Analyst:** MKS

| Parameter                                                                         | Result | Qualifier | Units | RL   | MDL  |
|-----------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 40 Batch: WG1780065-5 |        |           |       |      |      |
| Methylene chloride                                                                | ND     |           | ug/l  | 2.5  | 0.70 |
| 1,1-Dichloroethane                                                                | ND     |           | ug/l  | 2.5  | 0.70 |
| Chloroform                                                                        | ND     |           | ug/l  | 2.5  | 0.70 |
| Carbon tetrachloride                                                              | ND     |           | ug/l  | 0.50 | 0.13 |
| 1,2-Dichloropropane                                                               | ND     |           | ug/l  | 1.0  | 0.14 |
| Dibromochloromethane                                                              | ND     |           | ug/l  | 0.50 | 0.15 |
| 1,1,2-Trichloroethane                                                             | ND     |           | ug/l  | 1.5  | 0.50 |
| Tetrachloroethene                                                                 | ND     |           | ug/l  | 0.50 | 0.18 |
| Chlorobenzene                                                                     | ND     |           | ug/l  | 2.5  | 0.70 |
| Trichlorofluoromethane                                                            | ND     |           | ug/l  | 2.5  | 0.70 |
| 1,2-Dichloroethane                                                                | ND     |           | ug/l  | 0.50 | 0.13 |
| 1,1,1-Trichloroethane                                                             | ND     |           | ug/l  | 2.5  | 0.70 |
| Bromodichloromethane                                                              | ND     |           | ug/l  | 0.50 | 0.19 |
| trans-1,3-Dichloropropene                                                         | ND     |           | ug/l  | 0.50 | 0.16 |
| cis-1,3-Dichloropropene                                                           | ND     |           | ug/l  | 0.50 | 0.14 |
| 1,3-Dichloropropene, Total                                                        | ND     |           | ug/l  | 0.50 | 0.14 |
| 1,1-Dichloropropene                                                               | ND     |           | ug/l  | 2.5  | 0.70 |
| Bromoform                                                                         | ND     |           | ug/l  | 2.0  | 0.65 |
| 1,1,1,2-Tetrachloroethane                                                         | ND     |           | ug/l  | 0.50 | 0.17 |
| Benzene                                                                           | ND     |           | ug/l  | 0.50 | 0.16 |
| Toluene                                                                           | ND     |           | ug/l  | 2.5  | 0.70 |
| Ethylbenzene                                                                      | ND     |           | ug/l  | 2.5  | 0.70 |
| Chloromethane                                                                     | ND     |           | ug/l  | 2.5  | 0.70 |
| Bromomethane                                                                      | ND     |           | ug/l  | 2.5  | 0.70 |
| Vinyl chloride                                                                    | ND     |           | ug/l  | 1.0  | 0.07 |
| Chloroethane                                                                      | ND     |           | ug/l  | 2.5  | 0.70 |
| 1,1-Dichloroethene                                                                | ND     |           | ug/l  | 0.50 | 0.17 |
| trans-1,2-Dichloroethene                                                          | ND     |           | ug/l  | 2.5  | 0.70 |
| Trichloroethene                                                                   | ND     |           | ug/l  | 0.50 | 0.18 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/17/23 08:00  
**Analyst:** MKS

| Parameter                                                                         | Result | Qualifier | Units | RL  | MDL  |
|-----------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 40 Batch: WG1780065-5 |        |           |       |     |      |
| 1,2-Dichlorobenzene                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,3-Dichlorobenzene                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,4-Dichlorobenzene                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| Methyl tert butyl ether                                                           | ND     |           | ug/l  | 2.5 | 0.70 |
| p/m-Xylene                                                                        | ND     |           | ug/l  | 2.5 | 0.70 |
| o-Xylene                                                                          | ND     |           | ug/l  | 2.5 | 0.70 |
| Xylenes, Total                                                                    | ND     |           | ug/l  | 2.5 | 0.70 |
| cis-1,2-Dichloroethene                                                            | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2-Dichloroethene, Total                                                         | ND     |           | ug/l  | 2.5 | 0.70 |
| Dibromomethane                                                                    | ND     |           | ug/l  | 5.0 | 1.0  |
| 1,2,3-Trichloropropane                                                            | ND     |           | ug/l  | 2.5 | 0.70 |
| Acrylonitrile                                                                     | ND     |           | ug/l  | 5.0 | 1.5  |
| Styrene                                                                           | ND     |           | ug/l  | 2.5 | 0.70 |
| Dichlorodifluoromethane                                                           | ND     |           | ug/l  | 5.0 | 1.0  |
| Acetone                                                                           | ND     |           | ug/l  | 5.0 | 1.5  |
| Carbon disulfide                                                                  | ND     |           | ug/l  | 5.0 | 1.0  |
| 2-Butanone                                                                        | ND     |           | ug/l  | 5.0 | 1.9  |
| Vinyl acetate                                                                     | ND     |           | ug/l  | 5.0 | 1.0  |
| 4-Methyl-2-pentanone                                                              | ND     |           | ug/l  | 5.0 | 1.0  |
| 2-Hexanone                                                                        | ND     |           | ug/l  | 5.0 | 1.0  |
| Bromochloromethane                                                                | ND     |           | ug/l  | 2.5 | 0.70 |
| 2,2-Dichloropropane                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2-Dibromoethane                                                                 | ND     |           | ug/l  | 2.0 | 0.65 |
| 1,3-Dichloropropane                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,1,1,2-Tetrachloroethane                                                         | ND     |           | ug/l  | 2.5 | 0.70 |
| Bromobenzene                                                                      | ND     |           | ug/l  | 2.5 | 0.70 |
| n-Butylbenzene                                                                    | ND     |           | ug/l  | 2.5 | 0.70 |
| sec-Butylbenzene                                                                  | ND     |           | ug/l  | 2.5 | 0.70 |
| tert-Butylbenzene                                                                 | ND     |           | ug/l  | 2.5 | 0.70 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/17/23 08:00  
**Analyst:** MKS

| Parameter                                                                         | Result | Qualifier | Units | RL  | MDL  |
|-----------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 40 Batch: WG1780065-5 |        |           |       |     |      |
| o-Chlorotoluene                                                                   | ND     |           | ug/l  | 2.5 | 0.70 |
| p-Chlorotoluene                                                                   | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2-Dibromo-3-chloropropane                                                       | ND     |           | ug/l  | 2.5 | 0.70 |
| Hexachlorobutadiene                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| Isopropylbenzene                                                                  | ND     |           | ug/l  | 2.5 | 0.70 |
| p-Isopropyltoluene                                                                | ND     |           | ug/l  | 2.5 | 0.70 |
| Naphthalene                                                                       | ND     |           | ug/l  | 2.5 | 0.70 |
| n-Propylbenzene                                                                   | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2,3-Trichlorobenzene                                                            | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2,4-Trichlorobenzene                                                            | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,3,5-Trimethylbenzene                                                            | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2,4-Trimethylbenzene                                                            | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,4-Dioxane                                                                       | ND     |           | ug/l  | 250 | 61.  |
| p-Diethylbenzene                                                                  | ND     |           | ug/l  | 2.0 | 0.70 |
| p-Ethyltoluene                                                                    | ND     |           | ug/l  | 2.0 | 0.70 |
| 1,2,4,5-Tetramethylbenzene                                                        | ND     |           | ug/l  | 2.0 | 0.54 |
| Ethyl ether                                                                       | ND     |           | ug/l  | 2.5 | 0.70 |
| trans-1,4-Dichloro-2-butene                                                       | ND     |           | ug/l  | 2.5 | 0.70 |

| Surrogate             | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 110       |           | 70-130              |
| Toluene-d8            | 67        | Q         | 70-130              |
| 4-Bromofluorobenzene  | 99        |           | 70-130              |
| Dibromofluoromethane  | 109       |           | 70-130              |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 10:13  
 Analyst: AJK

| Parameter                                                                                         | Result | Qualifier | Units | RL   | MDL  |
|---------------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 30-31,33-34 Batch: WG1780093-5 |        |           |       |      |      |
| Methylene chloride                                                                                | ND     |           | ug/kg | 5.0  | 2.3  |
| 1,1-Dichloroethane                                                                                | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloroform                                                                                        | ND     |           | ug/kg | 1.5  | 0.14 |
| Carbon tetrachloride                                                                              | ND     |           | ug/kg | 1.0  | 0.23 |
| 1,2-Dichloropropane                                                                               | ND     |           | ug/kg | 1.0  | 0.12 |
| Dibromochloromethane                                                                              | ND     |           | ug/kg | 1.0  | 0.14 |
| 1,1,2-Trichloroethane                                                                             | ND     |           | ug/kg | 1.0  | 0.27 |
| Tetrachloroethene                                                                                 | ND     |           | ug/kg | 0.50 | 0.20 |
| Chlorobenzene                                                                                     | ND     |           | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane                                                                            | ND     |           | ug/kg | 4.0  | 0.70 |
| 1,2-Dichloroethane                                                                                | ND     |           | ug/kg | 1.0  | 0.26 |
| 1,1,1-Trichloroethane                                                                             | ND     |           | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane                                                                              | ND     |           | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene                                                                         | ND     |           | ug/kg | 1.0  | 0.27 |
| cis-1,3-Dichloropropene                                                                           | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,3-Dichloropropene, Total                                                                        | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,1-Dichloropropene                                                                               | ND     |           | ug/kg | 0.50 | 0.16 |
| Bromoform                                                                                         | ND     |           | ug/kg | 4.0  | 0.25 |
| 1,1,2,2-Tetrachloroethane                                                                         | ND     |           | ug/kg | 0.50 | 0.17 |
| Benzene                                                                                           | ND     |           | ug/kg | 0.50 | 0.17 |
| Toluene                                                                                           | ND     |           | ug/kg | 1.0  | 0.54 |
| Ethylbenzene                                                                                      | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloromethane                                                                                     | ND     |           | ug/kg | 4.0  | 0.93 |
| Bromomethane                                                                                      | ND     |           | ug/kg | 2.0  | 0.58 |
| Vinyl chloride                                                                                    | ND     |           | ug/kg | 1.0  | 0.34 |
| Chloroethane                                                                                      | ND     |           | ug/kg | 2.0  | 0.45 |
| 1,1-Dichloroethene                                                                                | ND     |           | ug/kg | 1.0  | 0.24 |
| trans-1,2-Dichloroethene                                                                          | ND     |           | ug/kg | 1.5  | 0.14 |
| Trichloroethene                                                                                   | ND     |           | ug/kg | 0.50 | 0.14 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 10:13  
 Analyst: AJK

| Parameter                                                                                         | Result | Qualifier | Units | RL   | MDL  |
|---------------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 30-31,33-34 Batch: WG1780093-5 |        |           |       |      |      |
| 1,2-Dichlorobenzene                                                                               | ND     |           | ug/kg | 2.0  | 0.14 |
| 1,3-Dichlorobenzene                                                                               | ND     |           | ug/kg | 2.0  | 0.15 |
| 1,4-Dichlorobenzene                                                                               | ND     |           | ug/kg | 2.0  | 0.17 |
| Methyl tert butyl ether                                                                           | ND     |           | ug/kg | 2.0  | 0.20 |
| p/m-Xylene                                                                                        | ND     |           | ug/kg | 2.0  | 0.56 |
| o-Xylene                                                                                          | ND     |           | ug/kg | 1.0  | 0.29 |
| Xylenes, Total                                                                                    | ND     |           | ug/kg | 1.0  | 0.29 |
| cis-1,2-Dichloroethene                                                                            | ND     |           | ug/kg | 1.0  | 0.18 |
| 1,2-Dichloroethene, Total                                                                         | ND     |           | ug/kg | 1.0  | 0.14 |
| Dibromomethane                                                                                    | ND     |           | ug/kg | 2.0  | 0.24 |
| Styrene                                                                                           | ND     |           | ug/kg | 1.0  | 0.20 |
| Dichlorodifluoromethane                                                                           | ND     |           | ug/kg | 10   | 0.92 |
| Acetone                                                                                           | ND     |           | ug/kg | 10   | 4.8  |
| Carbon disulfide                                                                                  | ND     |           | ug/kg | 10   | 4.6  |
| 2-Butanone                                                                                        | ND     |           | ug/kg | 10   | 2.2  |
| Vinyl acetate                                                                                     | ND     |           | ug/kg | 10   | 2.2  |
| 4-Methyl-2-pentanone                                                                              | ND     |           | ug/kg | 10   | 1.3  |
| 1,2,3-Trichloropropane                                                                            | ND     |           | ug/kg | 2.0  | 0.13 |
| 2-Hexanone                                                                                        | ND     |           | ug/kg | 10   | 1.2  |
| Bromochloromethane                                                                                | ND     |           | ug/kg | 2.0  | 0.20 |
| 2,2-Dichloropropane                                                                               | ND     |           | ug/kg | 2.0  | 0.20 |
| 1,2-Dibromoethane                                                                                 | ND     |           | ug/kg | 1.0  | 0.28 |
| 1,3-Dichloropropane                                                                               | ND     |           | ug/kg | 2.0  | 0.17 |
| 1,1,1,2-Tetrachloroethane                                                                         | ND     |           | ug/kg | 0.50 | 0.13 |
| Bromobenzene                                                                                      | ND     |           | ug/kg | 2.0  | 0.14 |
| n-Butylbenzene                                                                                    | ND     |           | ug/kg | 1.0  | 0.17 |
| sec-Butylbenzene                                                                                  | ND     |           | ug/kg | 1.0  | 0.15 |
| tert-Butylbenzene                                                                                 | ND     |           | ug/kg | 2.0  | 0.12 |
| o-Chlorotoluene                                                                                   | ND     |           | ug/kg | 2.0  | 0.19 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 10:13  
 Analyst: AJK

| Parameter                                                                                         | Result | Qualifier | Units | RL  | MDL  |
|---------------------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 30-31,33-34 Batch: WG1780093-5 |        |           |       |     |      |
| p-Chlorotoluene                                                                                   | ND     |           | ug/kg | 2.0 | 0.11 |
| 1,2-Dibromo-3-chloropropane                                                                       | ND     |           | ug/kg | 3.0 | 1.0  |
| Hexachlorobutadiene                                                                               | ND     |           | ug/kg | 4.0 | 0.17 |
| Isopropylbenzene                                                                                  | ND     |           | ug/kg | 1.0 | 0.11 |
| p-Isopropyltoluene                                                                                | ND     |           | ug/kg | 1.0 | 0.11 |
| Naphthalene                                                                                       | 1.6    | J         | ug/kg | 4.0 | 0.65 |
| Acrylonitrile                                                                                     | ND     |           | ug/kg | 4.0 | 1.2  |
| n-Propylbenzene                                                                                   | ND     |           | ug/kg | 1.0 | 0.17 |
| 1,2,3-Trichlorobenzene                                                                            | ND     |           | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene                                                                            | ND     |           | ug/kg | 2.0 | 0.27 |
| 1,3,5-Trimethylbenzene                                                                            | ND     |           | ug/kg | 2.0 | 0.19 |
| 1,2,4-Trimethylbenzene                                                                            | ND     |           | ug/kg | 2.0 | 0.33 |
| 1,4-Dioxane                                                                                       | ND     |           | ug/kg | 80  | 35.  |
| p-Diethylbenzene                                                                                  | ND     |           | ug/kg | 2.0 | 0.18 |
| p-Ethyltoluene                                                                                    | ND     |           | ug/kg | 2.0 | 0.38 |
| 1,2,4,5-Tetramethylbenzene                                                                        | ND     |           | ug/kg | 2.0 | 0.19 |
| Ethyl ether                                                                                       | ND     |           | ug/kg | 2.0 | 0.34 |
| trans-1,4-Dichloro-2-butene                                                                       | ND     |           | ug/kg | 5.0 | 1.4  |

| Surrogate             | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 95        |           | 70-130              |
| Toluene-d8            | 98        |           | 70-130              |
| 4-Bromofluorobenzene  | 95        |           | 70-130              |
| Dibromofluoromethane  | 99        |           | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/17/23 11:19  
**Analyst:** AJK

| Parameter                                                                                   | Result | Qualifier | Units | RL   | MDL  |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 36-37 Batch: WG1780123-5 |        |           |       |      |      |
| Methylene chloride                                                                          | ND     |           | ug/kg | 5.0  | 2.3  |
| 1,1-Dichloroethane                                                                          | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloroform                                                                                  | ND     |           | ug/kg | 1.5  | 0.14 |
| Carbon tetrachloride                                                                        | ND     |           | ug/kg | 1.0  | 0.23 |
| 1,2-Dichloropropane                                                                         | ND     |           | ug/kg | 1.0  | 0.12 |
| Dibromochloromethane                                                                        | ND     |           | ug/kg | 1.0  | 0.14 |
| 1,1,2-Trichloroethane                                                                       | ND     |           | ug/kg | 1.0  | 0.27 |
| Tetrachloroethene                                                                           | ND     |           | ug/kg | 0.50 | 0.20 |
| Chlorobenzene                                                                               | ND     |           | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane                                                                      | ND     |           | ug/kg | 4.0  | 0.70 |
| 1,2-Dichloroethane                                                                          | ND     |           | ug/kg | 1.0  | 0.26 |
| 1,1,1-Trichloroethane                                                                       | ND     |           | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane                                                                        | ND     |           | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene                                                                   | ND     |           | ug/kg | 1.0  | 0.27 |
| cis-1,3-Dichloropropene                                                                     | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,3-Dichloropropene, Total                                                                  | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,1-Dichloropropene                                                                         | ND     |           | ug/kg | 0.50 | 0.16 |
| Bromoform                                                                                   | ND     |           | ug/kg | 4.0  | 0.25 |
| 1,1,2,2-Tetrachloroethane                                                                   | ND     |           | ug/kg | 0.50 | 0.17 |
| Benzene                                                                                     | ND     |           | ug/kg | 0.50 | 0.17 |
| Toluene                                                                                     | ND     |           | ug/kg | 1.0  | 0.54 |
| Ethylbenzene                                                                                | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloromethane                                                                               | ND     |           | ug/kg | 4.0  | 0.93 |
| Bromomethane                                                                                | ND     |           | ug/kg | 2.0  | 0.58 |
| Vinyl chloride                                                                              | ND     |           | ug/kg | 1.0  | 0.34 |
| Chloroethane                                                                                | ND     |           | ug/kg | 2.0  | 0.45 |
| 1,1-Dichloroethene                                                                          | ND     |           | ug/kg | 1.0  | 0.24 |
| trans-1,2-Dichloroethene                                                                    | ND     |           | ug/kg | 1.5  | 0.14 |
| Trichloroethene                                                                             | ND     |           | ug/kg | 0.50 | 0.14 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/17/23 11:19  
**Analyst:** AJK

| Parameter                                                                                   | Result | Qualifier | Units | RL   | MDL  |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 36-37 Batch: WG1780123-5 |        |           |       |      |      |
| 1,2-Dichlorobenzene                                                                         | ND     |           | ug/kg | 2.0  | 0.14 |
| 1,3-Dichlorobenzene                                                                         | ND     |           | ug/kg | 2.0  | 0.15 |
| 1,4-Dichlorobenzene                                                                         | ND     |           | ug/kg | 2.0  | 0.17 |
| Methyl tert butyl ether                                                                     | ND     |           | ug/kg | 2.0  | 0.20 |
| p/m-Xylene                                                                                  | ND     |           | ug/kg | 2.0  | 0.56 |
| o-Xylene                                                                                    | ND     |           | ug/kg | 1.0  | 0.29 |
| Xylenes, Total                                                                              | ND     |           | ug/kg | 1.0  | 0.29 |
| cis-1,2-Dichloroethene                                                                      | ND     |           | ug/kg | 1.0  | 0.18 |
| 1,2-Dichloroethene, Total                                                                   | ND     |           | ug/kg | 1.0  | 0.14 |
| Dibromomethane                                                                              | ND     |           | ug/kg | 2.0  | 0.24 |
| Styrene                                                                                     | ND     |           | ug/kg | 1.0  | 0.20 |
| Dichlorodifluoromethane                                                                     | ND     |           | ug/kg | 10   | 0.92 |
| Acetone                                                                                     | ND     |           | ug/kg | 10   | 4.8  |
| Carbon disulfide                                                                            | ND     |           | ug/kg | 10   | 4.6  |
| 2-Butanone                                                                                  | ND     |           | ug/kg | 10   | 2.2  |
| Vinyl acetate                                                                               | ND     |           | ug/kg | 10   | 2.2  |
| 4-Methyl-2-pentanone                                                                        | ND     |           | ug/kg | 10   | 1.3  |
| 1,2,3-Trichloropropane                                                                      | ND     |           | ug/kg | 2.0  | 0.13 |
| 2-Hexanone                                                                                  | ND     |           | ug/kg | 10   | 1.2  |
| Bromochloromethane                                                                          | ND     |           | ug/kg | 2.0  | 0.20 |
| 2,2-Dichloropropane                                                                         | ND     |           | ug/kg | 2.0  | 0.20 |
| 1,2-Dibromoethane                                                                           | ND     |           | ug/kg | 1.0  | 0.28 |
| 1,3-Dichloropropane                                                                         | ND     |           | ug/kg | 2.0  | 0.17 |
| 1,1,1,2-Tetrachloroethane                                                                   | ND     |           | ug/kg | 0.50 | 0.13 |
| Bromobenzene                                                                                | ND     |           | ug/kg | 2.0  | 0.14 |
| n-Butylbenzene                                                                              | ND     |           | ug/kg | 1.0  | 0.17 |
| sec-Butylbenzene                                                                            | ND     |           | ug/kg | 1.0  | 0.15 |
| tert-Butylbenzene                                                                           | ND     |           | ug/kg | 2.0  | 0.12 |
| o-Chlorotoluene                                                                             | ND     |           | ug/kg | 2.0  | 0.19 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/17/23 11:19  
**Analyst:** AJK

| Parameter                                                                                   | Result | Qualifier | Units | RL  | MDL  |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 36-37 Batch: WG1780123-5 |        |           |       |     |      |
| p-Chlorotoluene                                                                             | ND     |           | ug/kg | 2.0 | 0.11 |
| 1,2-Dibromo-3-chloropropane                                                                 | ND     |           | ug/kg | 3.0 | 1.0  |
| Hexachlorobutadiene                                                                         | ND     |           | ug/kg | 4.0 | 0.17 |
| Isopropylbenzene                                                                            | ND     |           | ug/kg | 1.0 | 0.11 |
| p-Isopropyltoluene                                                                          | ND     |           | ug/kg | 1.0 | 0.11 |
| Naphthalene                                                                                 | ND     |           | ug/kg | 4.0 | 0.65 |
| Acrylonitrile                                                                               | ND     |           | ug/kg | 4.0 | 1.2  |
| n-Propylbenzene                                                                             | ND     |           | ug/kg | 1.0 | 0.17 |
| 1,2,3-Trichlorobenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.27 |
| 1,3,5-Trimethylbenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.19 |
| 1,2,4-Trimethylbenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.33 |
| 1,4-Dioxane                                                                                 | ND     |           | ug/kg | 80  | 35.  |
| p-Diethylbenzene                                                                            | ND     |           | ug/kg | 2.0 | 0.18 |
| p-Ethyltoluene                                                                              | ND     |           | ug/kg | 2.0 | 0.38 |
| 1,2,4,5-Tetramethylbenzene                                                                  | ND     |           | ug/kg | 2.0 | 0.19 |
| Ethyl ether                                                                                 | ND     |           | ug/kg | 2.0 | 0.34 |
| trans-1,4-Dichloro-2-butene                                                                 | ND     |           | ug/kg | 5.0 | 1.4  |

| Surrogate             | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 105       |           | 70-130              |
| Toluene-d8            | 99        |           | 70-130              |
| 4-Bromofluorobenzene  | 95        |           | 70-130              |
| Dibromofluoromethane  | 100       |           | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 05/17/23 11:32  
Analyst: AJK

| Parameter                                                                                | Result | Qualifier | Units | RL   | MDL  |
|------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 39 Batch: WG1780134-5 |        |           |       |      |      |
| Methylene chloride                                                                       | ND     |           | ug/kg | 5.0  | 2.3  |
| 1,1-Dichloroethane                                                                       | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloroform                                                                               | ND     |           | ug/kg | 1.5  | 0.14 |
| Carbon tetrachloride                                                                     | ND     |           | ug/kg | 1.0  | 0.23 |
| 1,2-Dichloropropane                                                                      | ND     |           | ug/kg | 1.0  | 0.12 |
| Dibromochloromethane                                                                     | ND     |           | ug/kg | 1.0  | 0.14 |
| 1,1,2-Trichloroethane                                                                    | ND     |           | ug/kg | 1.0  | 0.27 |
| Tetrachloroethene                                                                        | ND     |           | ug/kg | 0.50 | 0.20 |
| Chlorobenzene                                                                            | ND     |           | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane                                                                   | ND     |           | ug/kg | 4.0  | 0.70 |
| 1,2-Dichloroethane                                                                       | ND     |           | ug/kg | 1.0  | 0.26 |
| 1,1,1-Trichloroethane                                                                    | ND     |           | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane                                                                     | ND     |           | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene                                                                | ND     |           | ug/kg | 1.0  | 0.27 |
| cis-1,3-Dichloropropene                                                                  | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,3-Dichloropropene, Total                                                               | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,1-Dichloropropene                                                                      | ND     |           | ug/kg | 0.50 | 0.16 |
| Bromoform                                                                                | ND     |           | ug/kg | 4.0  | 0.25 |
| 1,1,2,2-Tetrachloroethane                                                                | ND     |           | ug/kg | 0.50 | 0.17 |
| Benzene                                                                                  | ND     |           | ug/kg | 0.50 | 0.17 |
| Toluene                                                                                  | ND     |           | ug/kg | 1.0  | 0.54 |
| Ethylbenzene                                                                             | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloromethane                                                                            | ND     |           | ug/kg | 4.0  | 0.93 |
| Bromomethane                                                                             | 2.2    |           | ug/kg | 2.0  | 0.58 |
| Vinyl chloride                                                                           | ND     |           | ug/kg | 1.0  | 0.34 |
| Chloroethane                                                                             | ND     |           | ug/kg | 2.0  | 0.45 |
| 1,1-Dichloroethene                                                                       | ND     |           | ug/kg | 1.0  | 0.24 |
| trans-1,2-Dichloroethene                                                                 | ND     |           | ug/kg | 1.5  | 0.14 |
| Trichloroethene                                                                          | ND     |           | ug/kg | 0.50 | 0.14 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/17/23 11:32  
**Analyst:** AJK

| Parameter                                                                                | Result | Qualifier | Units | RL   | MDL  |
|------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 39 Batch: WG1780134-5 |        |           |       |      |      |
| 1,2-Dichlorobenzene                                                                      | ND     |           | ug/kg | 2.0  | 0.14 |
| 1,3-Dichlorobenzene                                                                      | ND     |           | ug/kg | 2.0  | 0.15 |
| 1,4-Dichlorobenzene                                                                      | ND     |           | ug/kg | 2.0  | 0.17 |
| Methyl tert butyl ether                                                                  | ND     |           | ug/kg | 2.0  | 0.20 |
| p/m-Xylene                                                                               | ND     |           | ug/kg | 2.0  | 0.56 |
| o-Xylene                                                                                 | ND     |           | ug/kg | 1.0  | 0.29 |
| Xylenes, Total                                                                           | ND     |           | ug/kg | 1.0  | 0.29 |
| cis-1,2-Dichloroethene                                                                   | ND     |           | ug/kg | 1.0  | 0.18 |
| 1,2-Dichloroethene, Total                                                                | ND     |           | ug/kg | 1.0  | 0.14 |
| Dibromomethane                                                                           | ND     |           | ug/kg | 2.0  | 0.24 |
| Styrene                                                                                  | ND     |           | ug/kg | 1.0  | 0.20 |
| Dichlorodifluoromethane                                                                  | ND     |           | ug/kg | 10   | 0.92 |
| Acetone                                                                                  | ND     |           | ug/kg | 10   | 4.8  |
| Carbon disulfide                                                                         | ND     |           | ug/kg | 10   | 4.6  |
| 2-Butanone                                                                               | ND     |           | ug/kg | 10   | 2.2  |
| Vinyl acetate                                                                            | ND     |           | ug/kg | 10   | 2.2  |
| 4-Methyl-2-pentanone                                                                     | ND     |           | ug/kg | 10   | 1.3  |
| 1,2,3-Trichloropropane                                                                   | ND     |           | ug/kg | 2.0  | 0.13 |
| 2-Hexanone                                                                               | ND     |           | ug/kg | 10   | 1.2  |
| Bromochloromethane                                                                       | ND     |           | ug/kg | 2.0  | 0.20 |
| 2,2-Dichloropropane                                                                      | ND     |           | ug/kg | 2.0  | 0.20 |
| 1,2-Dibromoethane                                                                        | ND     |           | ug/kg | 1.0  | 0.28 |
| 1,3-Dichloropropane                                                                      | ND     |           | ug/kg | 2.0  | 0.17 |
| 1,1,1,2-Tetrachloroethane                                                                | ND     |           | ug/kg | 0.50 | 0.13 |
| Bromobenzene                                                                             | ND     |           | ug/kg | 2.0  | 0.14 |
| n-Butylbenzene                                                                           | ND     |           | ug/kg | 1.0  | 0.17 |
| sec-Butylbenzene                                                                         | ND     |           | ug/kg | 1.0  | 0.15 |
| tert-Butylbenzene                                                                        | ND     |           | ug/kg | 2.0  | 0.12 |
| o-Chlorotoluene                                                                          | ND     |           | ug/kg | 2.0  | 0.19 |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/17/23 11:32  
**Analyst:** AJK

| Parameter                                                                                | Result | Qualifier | Units | RL  | MDL  |
|------------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 39 Batch: WG1780134-5 |        |           |       |     |      |
| p-Chlorotoluene                                                                          | ND     |           | ug/kg | 2.0 | 0.11 |
| 1,2-Dibromo-3-chloropropane                                                              | ND     |           | ug/kg | 3.0 | 1.0  |
| Hexachlorobutadiene                                                                      | ND     |           | ug/kg | 4.0 | 0.17 |
| Isopropylbenzene                                                                         | ND     |           | ug/kg | 1.0 | 0.11 |
| p-Isopropyltoluene                                                                       | ND     |           | ug/kg | 1.0 | 0.11 |
| Naphthalene                                                                              | ND     |           | ug/kg | 4.0 | 0.65 |
| Acrylonitrile                                                                            | ND     |           | ug/kg | 4.0 | 1.2  |
| n-Propylbenzene                                                                          | ND     |           | ug/kg | 1.0 | 0.17 |
| 1,2,3-Trichlorobenzene                                                                   | ND     |           | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene                                                                   | ND     |           | ug/kg | 2.0 | 0.27 |
| 1,3,5-Trimethylbenzene                                                                   | ND     |           | ug/kg | 2.0 | 0.19 |
| 1,2,4-Trimethylbenzene                                                                   | ND     |           | ug/kg | 2.0 | 0.33 |
| 1,4-Dioxane                                                                              | ND     |           | ug/kg | 80  | 35.  |
| p-Diethylbenzene                                                                         | ND     |           | ug/kg | 2.0 | 0.18 |
| p-Ethyltoluene                                                                           | ND     |           | ug/kg | 2.0 | 0.38 |
| 1,2,4,5-Tetramethylbenzene                                                               | ND     |           | ug/kg | 2.0 | 0.19 |
| Ethyl ether                                                                              | ND     |           | ug/kg | 2.0 | 0.34 |
| trans-1,4-Dichloro-2-butene                                                              | ND     |           | ug/kg | 5.0 | 1.4  |

| Surrogate             | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 107       |           | 70-130              |
| Toluene-d8            | 97        |           | 70-130              |
| 4-Bromofluorobenzene  | 100       |           | 70-130              |
| Dibromofluoromethane  | 104       |           | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/17/23 10:39  
**Analyst:** AJK

| Parameter                                                                                                     | Result | Qualifier | Units | RL   | MDL  |
|---------------------------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 18-19,21-22,24-25,27-28 Batch: WG1780135-5 |        |           |       |      |      |
| Methylene chloride                                                                                            | ND     |           | ug/kg | 5.0  | 2.3  |
| 1,1-Dichloroethane                                                                                            | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloroform                                                                                                    | ND     |           | ug/kg | 1.5  | 0.14 |
| Carbon tetrachloride                                                                                          | ND     |           | ug/kg | 1.0  | 0.23 |
| 1,2-Dichloropropane                                                                                           | ND     |           | ug/kg | 1.0  | 0.12 |
| Dibromochloromethane                                                                                          | ND     |           | ug/kg | 1.0  | 0.14 |
| 1,1,2-Trichloroethane                                                                                         | ND     |           | ug/kg | 1.0  | 0.27 |
| Tetrachloroethene                                                                                             | ND     |           | ug/kg | 0.50 | 0.20 |
| Chlorobenzene                                                                                                 | ND     |           | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane                                                                                        | ND     |           | ug/kg | 4.0  | 0.70 |
| 1,2-Dichloroethane                                                                                            | ND     |           | ug/kg | 1.0  | 0.26 |
| 1,1,1-Trichloroethane                                                                                         | ND     |           | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane                                                                                          | ND     |           | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene                                                                                     | ND     |           | ug/kg | 1.0  | 0.27 |
| cis-1,3-Dichloropropene                                                                                       | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,3-Dichloropropene, Total                                                                                    | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,1-Dichloropropene                                                                                           | ND     |           | ug/kg | 0.50 | 0.16 |
| Bromoform                                                                                                     | ND     |           | ug/kg | 4.0  | 0.25 |
| 1,1,2,2-Tetrachloroethane                                                                                     | ND     |           | ug/kg | 0.50 | 0.17 |
| Benzene                                                                                                       | ND     |           | ug/kg | 0.50 | 0.17 |
| Toluene                                                                                                       | ND     |           | ug/kg | 1.0  | 0.54 |
| Ethylbenzene                                                                                                  | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloromethane                                                                                                 | ND     |           | ug/kg | 4.0  | 0.93 |
| Bromomethane                                                                                                  | ND     |           | ug/kg | 2.0  | 0.58 |
| Vinyl chloride                                                                                                | ND     |           | ug/kg | 1.0  | 0.34 |
| Chloroethane                                                                                                  | ND     |           | ug/kg | 2.0  | 0.45 |
| 1,1-Dichloroethene                                                                                            | ND     |           | ug/kg | 1.0  | 0.24 |
| trans-1,2-Dichloroethene                                                                                      | ND     |           | ug/kg | 1.5  | 0.14 |
| Trichloroethene                                                                                               | ND     |           | ug/kg | 0.50 | 0.14 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/17/23 10:39  
**Analyst:** AJK

| Parameter                                                                                                     | Result | Qualifier | Units | RL   | MDL  |
|---------------------------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 18-19,21-22,24-25,27-28 Batch: WG1780135-5 |        |           |       |      |      |
| 1,2-Dichlorobenzene                                                                                           | ND     |           | ug/kg | 2.0  | 0.14 |
| 1,3-Dichlorobenzene                                                                                           | ND     |           | ug/kg | 2.0  | 0.15 |
| 1,4-Dichlorobenzene                                                                                           | ND     |           | ug/kg | 2.0  | 0.17 |
| Methyl tert butyl ether                                                                                       | ND     |           | ug/kg | 2.0  | 0.20 |
| p/m-Xylene                                                                                                    | ND     |           | ug/kg | 2.0  | 0.56 |
| o-Xylene                                                                                                      | ND     |           | ug/kg | 1.0  | 0.29 |
| Xylenes, Total                                                                                                | ND     |           | ug/kg | 1.0  | 0.29 |
| cis-1,2-Dichloroethene                                                                                        | ND     |           | ug/kg | 1.0  | 0.18 |
| 1,2-Dichloroethene, Total                                                                                     | ND     |           | ug/kg | 1.0  | 0.14 |
| Dibromomethane                                                                                                | ND     |           | ug/kg | 2.0  | 0.24 |
| Styrene                                                                                                       | ND     |           | ug/kg | 1.0  | 0.20 |
| Dichlorodifluoromethane                                                                                       | ND     |           | ug/kg | 10   | 0.92 |
| Acetone                                                                                                       | ND     |           | ug/kg | 10   | 4.8  |
| Carbon disulfide                                                                                              | ND     |           | ug/kg | 10   | 4.6  |
| 2-Butanone                                                                                                    | ND     |           | ug/kg | 10   | 2.2  |
| Vinyl acetate                                                                                                 | ND     |           | ug/kg | 10   | 2.2  |
| 4-Methyl-2-pentanone                                                                                          | ND     |           | ug/kg | 10   | 1.3  |
| 1,2,3-Trichloropropane                                                                                        | ND     |           | ug/kg | 2.0  | 0.13 |
| 2-Hexanone                                                                                                    | ND     |           | ug/kg | 10   | 1.2  |
| Bromochloromethane                                                                                            | ND     |           | ug/kg | 2.0  | 0.20 |
| 2,2-Dichloropropane                                                                                           | ND     |           | ug/kg | 2.0  | 0.20 |
| 1,2-Dibromoethane                                                                                             | ND     |           | ug/kg | 1.0  | 0.28 |
| 1,3-Dichloropropane                                                                                           | ND     |           | ug/kg | 2.0  | 0.17 |
| 1,1,1,2-Tetrachloroethane                                                                                     | ND     |           | ug/kg | 0.50 | 0.13 |
| Bromobenzene                                                                                                  | ND     |           | ug/kg | 2.0  | 0.14 |
| n-Butylbenzene                                                                                                | ND     |           | ug/kg | 1.0  | 0.17 |
| sec-Butylbenzene                                                                                              | ND     |           | ug/kg | 1.0  | 0.15 |
| tert-Butylbenzene                                                                                             | ND     |           | ug/kg | 2.0  | 0.12 |
| o-Chlorotoluene                                                                                               | ND     |           | ug/kg | 2.0  | 0.19 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 05/17/23 10:39  
 Analyst: AJK

| Parameter                                                                                                     | Result | Qualifier | Units | RL  | MDL  |
|---------------------------------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 18-19,21-22,24-25,27-28 Batch: WG1780135-5 |        |           |       |     |      |
| p-Chlorotoluene                                                                                               | ND     |           | ug/kg | 2.0 | 0.11 |
| 1,2-Dibromo-3-chloropropane                                                                                   | ND     |           | ug/kg | 3.0 | 1.0  |
| Hexachlorobutadiene                                                                                           | ND     |           | ug/kg | 4.0 | 0.17 |
| Isopropylbenzene                                                                                              | ND     |           | ug/kg | 1.0 | 0.11 |
| p-Isopropyltoluene                                                                                            | ND     |           | ug/kg | 1.0 | 0.11 |
| Naphthalene                                                                                                   | ND     |           | ug/kg | 4.0 | 0.65 |
| Acrylonitrile                                                                                                 | ND     |           | ug/kg | 4.0 | 1.2  |
| n-Propylbenzene                                                                                               | ND     |           | ug/kg | 1.0 | 0.17 |
| 1,2,3-Trichlorobenzene                                                                                        | ND     |           | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene                                                                                        | ND     |           | ug/kg | 2.0 | 0.27 |
| 1,3,5-Trimethylbenzene                                                                                        | ND     |           | ug/kg | 2.0 | 0.19 |
| 1,2,4-Trimethylbenzene                                                                                        | ND     |           | ug/kg | 2.0 | 0.33 |
| 1,4-Dioxane                                                                                                   | ND     |           | ug/kg | 80  | 35.  |
| p-Diethylbenzene                                                                                              | ND     |           | ug/kg | 2.0 | 0.18 |
| p-Ethyltoluene                                                                                                | ND     |           | ug/kg | 2.0 | 0.38 |
| 1,2,4,5-Tetramethylbenzene                                                                                    | ND     |           | ug/kg | 2.0 | 0.19 |
| Ethyl ether                                                                                                   | ND     |           | ug/kg | 2.0 | 0.34 |
| trans-1,4-Dichloro-2-butene                                                                                   | ND     |           | ug/kg | 5.0 | 1.4  |

| Surrogate             | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 91        |           | 70-130              |
| Toluene-d8            | 112       |           | 70-130              |
| 4-Bromofluorobenzene  | 89        |           | 70-130              |
| Dibromofluoromethane  | 101       |           | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 05/22/23 09:06  
Analyst: AJK

| Parameter                                                                                   | Result | Qualifier | Units | RL   | MDL  |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 14-17 Batch: WG1781891-5 |        |           |       |      |      |
| Methylene chloride                                                                          | ND     |           | ug/kg | 5.0  | 2.3  |
| 1,1-Dichloroethane                                                                          | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloroform                                                                                  | ND     |           | ug/kg | 1.5  | 0.14 |
| Carbon tetrachloride                                                                        | ND     |           | ug/kg | 1.0  | 0.23 |
| 1,2-Dichloropropane                                                                         | ND     |           | ug/kg | 1.0  | 0.12 |
| Dibromochloromethane                                                                        | ND     |           | ug/kg | 1.0  | 0.14 |
| 1,1,2-Trichloroethane                                                                       | ND     |           | ug/kg | 1.0  | 0.27 |
| Tetrachloroethene                                                                           | ND     |           | ug/kg | 0.50 | 0.20 |
| Chlorobenzene                                                                               | ND     |           | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane                                                                      | ND     |           | ug/kg | 4.0  | 0.70 |
| 1,2-Dichloroethane                                                                          | ND     |           | ug/kg | 1.0  | 0.26 |
| 1,1,1-Trichloroethane                                                                       | ND     |           | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane                                                                        | ND     |           | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene                                                                   | ND     |           | ug/kg | 1.0  | 0.27 |
| cis-1,3-Dichloropropene                                                                     | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,3-Dichloropropene, Total                                                                  | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,1-Dichloropropene                                                                         | ND     |           | ug/kg | 0.50 | 0.16 |
| Bromoform                                                                                   | ND     |           | ug/kg | 4.0  | 0.25 |
| 1,1,2,2-Tetrachloroethane                                                                   | ND     |           | ug/kg | 0.50 | 0.17 |
| Benzene                                                                                     | ND     |           | ug/kg | 0.50 | 0.17 |
| Toluene                                                                                     | ND     |           | ug/kg | 1.0  | 0.54 |
| Ethylbenzene                                                                                | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloromethane                                                                               | ND     |           | ug/kg | 4.0  | 0.93 |
| Bromomethane                                                                                | ND     |           | ug/kg | 2.0  | 0.58 |
| Vinyl chloride                                                                              | ND     |           | ug/kg | 1.0  | 0.34 |
| Chloroethane                                                                                | ND     |           | ug/kg | 2.0  | 0.45 |
| 1,1-Dichloroethene                                                                          | ND     |           | ug/kg | 1.0  | 0.24 |
| trans-1,2-Dichloroethene                                                                    | ND     |           | ug/kg | 1.5  | 0.14 |
| Trichloroethene                                                                             | ND     |           | ug/kg | 0.50 | 0.14 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 05/22/23 09:06  
Analyst: AJK

| Parameter                                                                                   | Result | Qualifier | Units | RL   | MDL  |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 14-17 Batch: WG1781891-5 |        |           |       |      |      |
| 1,2-Dichlorobenzene                                                                         | ND     |           | ug/kg | 2.0  | 0.14 |
| 1,3-Dichlorobenzene                                                                         | ND     |           | ug/kg | 2.0  | 0.15 |
| 1,4-Dichlorobenzene                                                                         | ND     |           | ug/kg | 2.0  | 0.17 |
| Methyl tert butyl ether                                                                     | ND     |           | ug/kg | 2.0  | 0.20 |
| p/m-Xylene                                                                                  | ND     |           | ug/kg | 2.0  | 0.56 |
| o-Xylene                                                                                    | ND     |           | ug/kg | 1.0  | 0.29 |
| Xylenes, Total                                                                              | ND     |           | ug/kg | 1.0  | 0.29 |
| cis-1,2-Dichloroethene                                                                      | ND     |           | ug/kg | 1.0  | 0.18 |
| 1,2-Dichloroethene, Total                                                                   | ND     |           | ug/kg | 1.0  | 0.14 |
| Dibromomethane                                                                              | ND     |           | ug/kg | 2.0  | 0.24 |
| Styrene                                                                                     | ND     |           | ug/kg | 1.0  | 0.20 |
| Dichlorodifluoromethane                                                                     | ND     |           | ug/kg | 10   | 0.92 |
| Acetone                                                                                     | ND     |           | ug/kg | 10   | 4.8  |
| Carbon disulfide                                                                            | ND     |           | ug/kg | 10   | 4.6  |
| 2-Butanone                                                                                  | ND     |           | ug/kg | 10   | 2.2  |
| Vinyl acetate                                                                               | ND     |           | ug/kg | 10   | 2.2  |
| 4-Methyl-2-pentanone                                                                        | ND     |           | ug/kg | 10   | 1.3  |
| 1,2,3-Trichloropropane                                                                      | ND     |           | ug/kg | 2.0  | 0.13 |
| 2-Hexanone                                                                                  | ND     |           | ug/kg | 10   | 1.2  |
| Bromochloromethane                                                                          | ND     |           | ug/kg | 2.0  | 0.20 |
| 2,2-Dichloropropane                                                                         | ND     |           | ug/kg | 2.0  | 0.20 |
| 1,2-Dibromoethane                                                                           | ND     |           | ug/kg | 1.0  | 0.28 |
| 1,3-Dichloropropane                                                                         | ND     |           | ug/kg | 2.0  | 0.17 |
| 1,1,1,2-Tetrachloroethane                                                                   | ND     |           | ug/kg | 0.50 | 0.13 |
| Bromobenzene                                                                                | ND     |           | ug/kg | 2.0  | 0.14 |
| n-Butylbenzene                                                                              | ND     |           | ug/kg | 1.0  | 0.17 |
| sec-Butylbenzene                                                                            | ND     |           | ug/kg | 1.0  | 0.15 |
| tert-Butylbenzene                                                                           | ND     |           | ug/kg | 2.0  | 0.12 |
| o-Chlorotoluene                                                                             | ND     |           | ug/kg | 2.0  | 0.19 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/22/23 09:06  
**Analyst:** AJK

| Parameter                                                                                   | Result | Qualifier | Units | RL  | MDL  |
|---------------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 14-17 Batch: WG1781891-5 |        |           |       |     |      |
| p-Chlorotoluene                                                                             | ND     |           | ug/kg | 2.0 | 0.11 |
| 1,2-Dibromo-3-chloropropane                                                                 | ND     |           | ug/kg | 3.0 | 1.0  |
| Hexachlorobutadiene                                                                         | ND     |           | ug/kg | 4.0 | 0.17 |
| Isopropylbenzene                                                                            | ND     |           | ug/kg | 1.0 | 0.11 |
| p-Isopropyltoluene                                                                          | ND     |           | ug/kg | 1.0 | 0.11 |
| Naphthalene                                                                                 | ND     |           | ug/kg | 4.0 | 0.65 |
| Acrylonitrile                                                                               | ND     |           | ug/kg | 4.0 | 1.2  |
| n-Propylbenzene                                                                             | ND     |           | ug/kg | 1.0 | 0.17 |
| 1,2,3-Trichlorobenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.27 |
| 1,3,5-Trimethylbenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.19 |
| 1,2,4-Trimethylbenzene                                                                      | ND     |           | ug/kg | 2.0 | 0.33 |
| 1,4-Dioxane                                                                                 | ND     |           | ug/kg | 80  | 35.  |
| p-Diethylbenzene                                                                            | ND     |           | ug/kg | 2.0 | 0.18 |
| p-Ethyltoluene                                                                              | ND     |           | ug/kg | 2.0 | 0.38 |
| 1,2,4,5-Tetramethylbenzene                                                                  | ND     |           | ug/kg | 2.0 | 0.19 |
| Ethyl ether                                                                                 | ND     |           | ug/kg | 2.0 | 0.34 |
| trans-1,4-Dichloro-2-butene                                                                 | ND     |           | ug/kg | 5.0 | 1.4  |

| Surrogate             | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 124       |           | 70-130              |
| Toluene-d8            | 93        |           | 70-130              |
| 4-Bromofluorobenzene  | 91        |           | 70-130              |
| Dibromofluoromethane  | 121       |           | 70-130              |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 40 Batch: WG1780065-3 WG1780065-4 |                  |      |                   |      |                     |     |      |               |
| Methylene chloride                                                                                   | 87               |      | 110               |      | 70-130              | 23  | Q    | 20            |
| 1,1-Dichloroethane                                                                                   | 110              |      | 120               |      | 70-130              | 9   |      | 20            |
| Chloroform                                                                                           | 100              |      | 110               |      | 70-130              | 10  |      | 20            |
| Carbon tetrachloride                                                                                 | 110              |      | 110               |      | 63-132              | 0   |      | 20            |
| 1,2-Dichloropropane                                                                                  | 110              |      | 110               |      | 70-130              | 0   |      | 20            |
| Dibromochloromethane                                                                                 | 91               |      | 88                |      | 63-130              | 3   |      | 20            |
| 1,1,2-Trichloroethane                                                                                | 100              |      | 100               |      | 70-130              | 0   |      | 20            |
| Tetrachloroethene                                                                                    | 100              |      | 97                |      | 70-130              | 3   |      | 20            |
| Chlorobenzene                                                                                        | 99               |      | 98                |      | 75-130              | 1   |      | 20            |
| Trichlorofluoromethane                                                                               | 91               |      | 98                |      | 62-150              | 7   |      | 20            |
| 1,2-Dichloroethane                                                                                   | 110              |      | 110               |      | 70-130              | 0   |      | 20            |
| 1,1,1-Trichloroethane                                                                                | 110              |      | 110               |      | 67-130              | 0   |      | 20            |
| Bromodichloromethane                                                                                 | 100              |      | 100               |      | 67-130              | 0   |      | 20            |
| trans-1,3-Dichloropropene                                                                            | 92               |      | 90                |      | 70-130              | 2   |      | 20            |
| cis-1,3-Dichloropropene                                                                              | 100              |      | 100               |      | 70-130              | 0   |      | 20            |
| 1,1-Dichloropropene                                                                                  | 110              |      | 110               |      | 70-130              | 0   |      | 20            |
| Bromoform                                                                                            | 84               |      | 85                |      | 54-136              | 1   |      | 20            |
| 1,1,2,2-Tetrachloroethane                                                                            | 100              |      | 100               |      | 67-130              | 0   |      | 20            |
| Benzene                                                                                              | 110              |      | 110               |      | 70-130              | 0   |      | 20            |
| Toluene                                                                                              | 100              |      | 100               |      | 70-130              | 0   |      | 20            |
| Ethylbenzene                                                                                         | 100              |      | 100               |      | 70-130              | 0   |      | 20            |
| Chloromethane                                                                                        | 120              |      | 130               |      | 64-130              | 8   |      | 20            |
| Bromomethane                                                                                         | 89               |      | 69                |      | 39-139              | 25  | Q    | 20            |



# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 40 Batch: WG1780065-3 WG1780065-4 |                  |      |                   |      |                     |     |      |               |
| Vinyl chloride                                                                                       | 130              |      | 130               |      | 55-140              | 0   |      | 20            |
| Chloroethane                                                                                         | 110              |      | 85                |      | 55-138              | 26  | Q    | 20            |
| 1,1-Dichloroethene                                                                                   | 72               |      | 66                |      | 61-145              | 9   |      | 20            |
| trans-1,2-Dichloroethene                                                                             | 97               |      | 120               |      | 70-130              | 21  | Q    | 20            |
| Trichloroethene                                                                                      | 110              |      | 110               |      | 70-130              | 0   |      | 20            |
| 1,2-Dichlorobenzene                                                                                  | 100              |      | 96                |      | 70-130              | 4   |      | 20            |
| 1,3-Dichlorobenzene                                                                                  | 100              |      | 100               |      | 70-130              | 0   |      | 20            |
| 1,4-Dichlorobenzene                                                                                  | 100              |      | 100               |      | 70-130              | 0   |      | 20            |
| Methyl tert butyl ether                                                                              | 98               |      | 100               |      | 63-130              | 2   |      | 20            |
| p/m-Xylene                                                                                           | 105              |      | 100               |      | 70-130              | 5   |      | 20            |
| o-Xylene                                                                                             | 100              |      | 100               |      | 70-130              | 0   |      | 20            |
| cis-1,2-Dichloroethene                                                                               | 100              |      | 100               |      | 70-130              | 0   |      | 20            |
| Dibromomethane                                                                                       | 100              |      | 100               |      | 70-130              | 0   |      | 20            |
| 1,2,3-Trichloropropane                                                                               | 94               |      | 93                |      | 64-130              | 1   |      | 20            |
| Acrylonitrile                                                                                        | 120              |      | 120               |      | 70-130              | 0   |      | 20            |
| Styrene                                                                                              | 105              |      | 105               |      | 70-130              | 0   |      | 20            |
| Dichlorodifluoromethane                                                                              | 130              |      | 130               |      | 36-147              | 0   |      | 20            |
| Acetone                                                                                              | 120              |      | 110               |      | 58-148              | 9   |      | 20            |
| Carbon disulfide                                                                                     | 68               |      | 68                |      | 51-130              | 0   |      | 20            |
| 2-Butanone                                                                                           | 87               |      | 84                |      | 63-138              | 4   |      | 20            |
| Vinyl acetate                                                                                        | 120              |      | 120               |      | 70-130              | 0   |      | 20            |
| 4-Methyl-2-pentanone                                                                                 | 89               |      | 80                |      | 59-130              | 11  |      | 20            |
| 2-Hexanone                                                                                           | 83               |      | 87                |      | 57-130              | 5   |      | 20            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 40 Batch: WG1780065-3 WG1780065-4 |                  |      |                   |      |                     |     |      |               |
| Bromochloromethane                                                                                   | 99               |      | 100               |      | 70-130              | 1   |      | 20            |
| 2,2-Dichloropropane                                                                                  | 110              |      | 99                |      | 63-133              | 11  |      | 20            |
| 1,2-Dibromoethane                                                                                    | 100              |      | 99                |      | 70-130              | 1   |      | 20            |
| 1,3-Dichloropropane                                                                                  | 98               |      | 98                |      | 70-130              | 0   |      | 20            |
| 1,1,1,2-Tetrachloroethane                                                                            | 92               |      | 93                |      | 64-130              | 1   |      | 20            |
| Bromobenzene                                                                                         | 100              |      | 95                |      | 70-130              | 5   |      | 20            |
| n-Butylbenzene                                                                                       | 120              |      | 110               |      | 53-136              | 9   |      | 20            |
| sec-Butylbenzene                                                                                     | 110              |      | 110               |      | 70-130              | 0   |      | 20            |
| tert-Butylbenzene                                                                                    | 100              |      | 97                |      | 70-130              | 3   |      | 20            |
| o-Chlorotoluene                                                                                      | 100              |      | 100               |      | 70-130              | 0   |      | 20            |
| p-Chlorotoluene                                                                                      | 100              |      | 96                |      | 70-130              | 4   |      | 20            |
| 1,2-Dibromo-3-chloropropane                                                                          | 89               |      | 87                |      | 41-144              | 2   |      | 20            |
| Hexachlorobutadiene                                                                                  | 120              |      | 100               |      | 63-130              | 18  |      | 20            |
| Isopropylbenzene                                                                                     | 100              |      | 100               |      | 70-130              | 0   |      | 20            |
| p-Isopropyltoluene                                                                                   | 100              |      | 100               |      | 70-130              | 0   |      | 20            |
| Naphthalene                                                                                          | 97               |      | 95                |      | 70-130              | 2   |      | 20            |
| n-Propylbenzene                                                                                      | 100              |      | 100               |      | 69-130              | 0   |      | 20            |
| 1,2,3-Trichlorobenzene                                                                               | 100              |      | 97                |      | 70-130              | 3   |      | 20            |
| 1,2,4-Trichlorobenzene                                                                               | 110              |      | 99                |      | 70-130              | 11  |      | 20            |
| 1,3,5-Trimethylbenzene                                                                               | 100              |      | 98                |      | 64-130              | 2   |      | 20            |
| 1,2,4-Trimethylbenzene                                                                               | 100              |      | 100               |      | 70-130              | 0   |      | 20            |
| 1,4-Dioxane                                                                                          | 112              |      | 106               |      | 56-162              | 6   |      | 20            |
| p-Diethylbenzene                                                                                     | 100              |      | 98                |      | 70-130              | 2   |      | 20            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 40 Batch: WG1780065-3 WG1780065-4 |                  |      |                   |      |                     |     |      |               |
| p-Ethyltoluene                                                                                       | 100              |      | 100               |      | 70-130              | 0   |      | 20            |
| 1,2,4,5-Tetramethylbenzene                                                                           | 100              |      | 96                |      | 70-130              | 4   |      | 20            |
| Ethyl ether                                                                                          | 50               | Q    | 68                |      | 59-134              | 31  | Q    | 20            |
| trans-1,4-Dichloro-2-butene                                                                          | 87               |      | 85                |      | 70-130              | 2   |      | 20            |

| Surrogate             | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 105              |      | 107               |      | 70-130                 |
| Toluene-d8            | 98               |      | 96                |      | 70-130                 |
| 4-Bromofluorobenzene  | 97               |      | 99                |      | 70-130                 |
| Dibromofluoromethane  | 103              |      | 104               |      | 70-130                 |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 30-31,33-34 Batch: WG1780093-3 WG1780093-4 |                  |      |                   |      |                     |     |      |               |
| Methylene chloride                                                                                                   | 106              |      | 107               |      | 70-130              | 1   |      | 30            |
| 1,1-Dichloroethane                                                                                                   | 112              |      | 113               |      | 70-130              | 1   |      | 30            |
| Chloroform                                                                                                           | 111              |      | 112               |      | 70-130              | 1   |      | 30            |
| Carbon tetrachloride                                                                                                 | 105              |      | 106               |      | 70-130              | 1   |      | 30            |
| 1,2-Dichloropropane                                                                                                  | 112              |      | 115               |      | 70-130              | 3   |      | 30            |
| Dibromochloromethane                                                                                                 | 100              |      | 103               |      | 70-130              | 3   |      | 30            |
| 1,1,2-Trichloroethane                                                                                                | 108              |      | 112               |      | 70-130              | 4   |      | 30            |
| Tetrachloroethene                                                                                                    | 110              |      | 110               |      | 70-130              | 0   |      | 30            |
| Chlorobenzene                                                                                                        | 104              |      | 106               |      | 70-130              | 2   |      | 30            |
| Trichlorofluoromethane                                                                                               | 102              |      | 102               |      | 70-139              | 0   |      | 30            |
| 1,2-Dichloroethane                                                                                                   | 99               |      | 101               |      | 70-130              | 2   |      | 30            |
| 1,1,1-Trichloroethane                                                                                                | 110              |      | 111               |      | 70-130              | 1   |      | 30            |
| Bromodichloromethane                                                                                                 | 106              |      | 108               |      | 70-130              | 2   |      | 30            |
| trans-1,3-Dichloropropene                                                                                            | 104              |      | 106               |      | 70-130              | 2   |      | 30            |
| cis-1,3-Dichloropropene                                                                                              | 114              |      | 115               |      | 70-130              | 1   |      | 30            |
| 1,1-Dichloropropene                                                                                                  | 116              |      | 117               |      | 70-130              | 1   |      | 30            |
| Bromoform                                                                                                            | 98               |      | 102               |      | 70-130              | 4   |      | 30            |
| 1,1,2,2-Tetrachloroethane                                                                                            | 104              |      | 106               |      | 70-130              | 2   |      | 30            |
| Benzene                                                                                                              | 115              |      | 116               |      | 70-130              | 1   |      | 30            |
| Toluene                                                                                                              | 107              |      | 108               |      | 70-130              | 1   |      | 30            |
| Ethylbenzene                                                                                                         | 106              |      | 107               |      | 70-130              | 1   |      | 30            |
| Chloromethane                                                                                                        | 96               |      | 95                |      | 52-130              | 1   |      | 30            |
| Bromomethane                                                                                                         | 87               |      | 87                |      | 57-147              | 0   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 30-31,33-34 Batch: WG1780093-3 WG1780093-4 |                  |      |                   |      |                     |     |      |               |
| Vinyl chloride                                                                                                       | 93               |      | 93                |      | 67-130              | 0   |      | 30            |
| Chloroethane                                                                                                         | 112              |      | 111               |      | 50-151              | 1   |      | 30            |
| 1,1-Dichloroethene                                                                                                   | 114              |      | 114               |      | 65-135              | 0   |      | 30            |
| trans-1,2-Dichloroethene                                                                                             | 115              |      | 116               |      | 70-130              | 1   |      | 30            |
| Trichloroethene                                                                                                      | 118              |      | 118               |      | 70-130              | 0   |      | 30            |
| 1,2-Dichlorobenzene                                                                                                  | 102              |      | 104               |      | 70-130              | 2   |      | 30            |
| 1,3-Dichlorobenzene                                                                                                  | 103              |      | 104               |      | 70-130              | 1   |      | 30            |
| 1,4-Dichlorobenzene                                                                                                  | 103              |      | 104               |      | 70-130              | 1   |      | 30            |
| Methyl tert butyl ether                                                                                              | 110              |      | 112               |      | 66-130              | 2   |      | 30            |
| p/m-Xylene                                                                                                           | 106              |      | 107               |      | 70-130              | 1   |      | 30            |
| o-Xylene                                                                                                             | 104              |      | 106               |      | 70-130              | 2   |      | 30            |
| cis-1,2-Dichloroethene                                                                                               | 113              |      | 114               |      | 70-130              | 1   |      | 30            |
| Dibromomethane                                                                                                       | 110              |      | 111               |      | 70-130              | 1   |      | 30            |
| Styrene                                                                                                              | 103              |      | 105               |      | 70-130              | 2   |      | 30            |
| Dichlorodifluoromethane                                                                                              | 87               |      | 86                |      | 30-146              | 1   |      | 30            |
| Acetone                                                                                                              | 84               |      | 84                |      | 54-140              | 0   |      | 30            |
| Carbon disulfide                                                                                                     | 107              |      | 107               |      | 59-130              | 0   |      | 30            |
| 2-Butanone                                                                                                           | 92               |      | 93                |      | 70-130              | 1   |      | 30            |
| Vinyl acetate                                                                                                        | 90               |      | 89                |      | 70-130              | 1   |      | 30            |
| 4-Methyl-2-pentanone                                                                                                 | 100              |      | 103               |      | 70-130              | 3   |      | 30            |
| 1,2,3-Trichloropropane                                                                                               | 102              |      | 104               |      | 68-130              | 2   |      | 30            |
| 2-Hexanone                                                                                                           | 86               |      | 87                |      | 70-130              | 1   |      | 30            |
| Bromochloromethane                                                                                                   | 115              |      | 116               |      | 70-130              | 1   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

| Parameter                                                                                                            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 30-31,33-34 Batch: WG1780093-3 WG1780093-4 |                  |      |                   |      |                     |     |      |               |
| 2,2-Dichloropropane                                                                                                  | 110              |      | 110               |      | 70-130              | 0   |      | 30            |
| 1,2-Dibromoethane                                                                                                    | 106              |      | 109               |      | 70-130              | 3   |      | 30            |
| 1,3-Dichloropropane                                                                                                  | 106              |      | 108               |      | 69-130              | 2   |      | 30            |
| 1,1,1,2-Tetrachloroethane                                                                                            | 103              |      | 105               |      | 70-130              | 2   |      | 30            |
| Bromobenzene                                                                                                         | 102              |      | 104               |      | 70-130              | 2   |      | 30            |
| n-Butylbenzene                                                                                                       | 106              |      | 106               |      | 70-130              | 0   |      | 30            |
| sec-Butylbenzene                                                                                                     | 104              |      | 105               |      | 70-130              | 1   |      | 30            |
| tert-Butylbenzene                                                                                                    | 102              |      | 104               |      | 70-130              | 2   |      | 30            |
| o-Chlorotoluene                                                                                                      | 103              |      | 105               |      | 70-130              | 2   |      | 30            |
| p-Chlorotoluene                                                                                                      | 104              |      | 105               |      | 70-130              | 1   |      | 30            |
| 1,2-Dibromo-3-chloropropane                                                                                          | 87               |      | 91                |      | 68-130              | 4   |      | 30            |
| Hexachlorobutadiene                                                                                                  | 100              |      | 102               |      | 67-130              | 2   |      | 30            |
| Isopropylbenzene                                                                                                     | 105              |      | 106               |      | 70-130              | 1   |      | 30            |
| p-Isopropyltoluene                                                                                                   | 104              |      | 105               |      | 70-130              | 1   |      | 30            |
| Naphthalene                                                                                                          | 115              |      | 112               |      | 70-130              | 3   |      | 30            |
| Acrylonitrile                                                                                                        | 107              |      | 110               |      | 70-130              | 3   |      | 30            |
| n-Propylbenzene                                                                                                      | 106              |      | 107               |      | 70-130              | 1   |      | 30            |
| 1,2,3-Trichlorobenzene                                                                                               | 107              |      | 108               |      | 70-130              | 1   |      | 30            |
| 1,2,4-Trichlorobenzene                                                                                               | 106              |      | 106               |      | 70-130              | 0   |      | 30            |
| 1,3,5-Trimethylbenzene                                                                                               | 105              |      | 105               |      | 70-130              | 0   |      | 30            |
| 1,2,4-Trimethylbenzene                                                                                               | 104              |      | 105               |      | 70-130              | 1   |      | 30            |
| 1,4-Dioxane                                                                                                          | 96               |      | 98                |      | 65-136              | 2   |      | 30            |
| p-Diethylbenzene                                                                                                     | 104              |      | 104               |      | 70-130              | 0   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

| Parameter                                                                                                            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 30-31,33-34 Batch: WG1780093-3 WG1780093-4 |                  |      |                   |      |                     |     |      |               |
| p-Ethyltoluene                                                                                                       | 104              |      | 105               |      | 70-130              | 1   |      | 30            |
| 1,2,4,5-Tetramethylbenzene                                                                                           | 101              |      | 101               |      | 70-130              | 0   |      | 30            |
| Ethyl ether                                                                                                          | 116              |      | 119               |      | 67-130              | 3   |      | 30            |
| trans-1,4-Dichloro-2-butene                                                                                          | 96               |      | 99                |      | 70-130              | 3   |      | 30            |

| Surrogate             | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 94               |      | 95                |      | 70-130                 |
| Toluene-d8            | 100              |      | 101               |      | 70-130                 |
| 4-Bromofluorobenzene  | 96               |      | 97                |      | 70-130                 |
| Dibromofluoromethane  | 100              |      | 100               |      | 70-130                 |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 36-37 Batch: WG1780123-3 WG1780123-4 |                  |      |                   |      |                     |     |      |               |
| Methylene chloride                                                                                             | 92               |      | 92                |      | 70-130              | 0   |      | 30            |
| 1,1-Dichloroethane                                                                                             | 97               |      | 95                |      | 70-130              | 2   |      | 30            |
| Chloroform                                                                                                     | 97               |      | 95                |      | 70-130              | 2   |      | 30            |
| Carbon tetrachloride                                                                                           | 86               |      | 83                |      | 70-130              | 4   |      | 30            |
| 1,2-Dichloropropane                                                                                            | 100              |      | 98                |      | 70-130              | 2   |      | 30            |
| Dibromochloromethane                                                                                           | 95               |      | 94                |      | 70-130              | 1   |      | 30            |
| 1,1,2-Trichloroethane                                                                                          | 96               |      | 96                |      | 70-130              | 0   |      | 30            |
| Tetrachloroethene                                                                                              | 90               |      | 87                |      | 70-130              | 3   |      | 30            |
| Chlorobenzene                                                                                                  | 92               |      | 90                |      | 70-130              | 2   |      | 30            |
| Trichlorofluoromethane                                                                                         | 76               |      | 75                |      | 70-139              | 1   |      | 30            |
| 1,2-Dichloroethane                                                                                             | 101              |      | 101               |      | 70-130              | 0   |      | 30            |
| 1,1,1-Trichloroethane                                                                                          | 91               |      | 89                |      | 70-130              | 2   |      | 30            |
| Bromodichloromethane                                                                                           | 98               |      | 96                |      | 70-130              | 2   |      | 30            |
| trans-1,3-Dichloropropene                                                                                      | 96               |      | 94                |      | 70-130              | 2   |      | 30            |
| cis-1,3-Dichloropropene                                                                                        | 98               |      | 96                |      | 70-130              | 2   |      | 30            |
| 1,1-Dichloropropene                                                                                            | 89               |      | 87                |      | 70-130              | 2   |      | 30            |
| Bromoform                                                                                                      | 80               |      | 93                |      | 70-130              | 15  |      | 30            |
| 1,1,1,2-Tetrachloroethane                                                                                      | 91               |      | 92                |      | 70-130              | 1   |      | 30            |
| Benzene                                                                                                        | 95               |      | 93                |      | 70-130              | 2   |      | 30            |
| Toluene                                                                                                        | 86               |      | 85                |      | 70-130              | 1   |      | 30            |
| Ethylbenzene                                                                                                   | 90               |      | 87                |      | 70-130              | 3   |      | 30            |
| Chloromethane                                                                                                  | 84               |      | 82                |      | 52-130              | 2   |      | 30            |
| Bromomethane                                                                                                   | 100              |      | 100               |      | 57-147              | 0   |      | 30            |



# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 36-37 Batch: WG1780123-3 WG1780123-4 |                  |      |                   |      |                     |     |      |               |
| Vinyl chloride                                                                                                 | 77               |      | 74                |      | 67-130              | 4   |      | 30            |
| Chloroethane                                                                                                   | 88               |      | 88                |      | 50-151              | 0   |      | 30            |
| 1,1-Dichloroethene                                                                                             | 85               |      | 83                |      | 65-135              | 2   |      | 30            |
| trans-1,2-Dichloroethene                                                                                       | 92               |      | 90                |      | 70-130              | 2   |      | 30            |
| Trichloroethene                                                                                                | 93               |      | 93                |      | 70-130              | 0   |      | 30            |
| 1,2-Dichlorobenzene                                                                                            | 92               |      | 90                |      | 70-130              | 2   |      | 30            |
| 1,3-Dichlorobenzene                                                                                            | 90               |      | 89                |      | 70-130              | 1   |      | 30            |
| 1,4-Dichlorobenzene                                                                                            | 91               |      | 90                |      | 70-130              | 1   |      | 30            |
| Methyl tert butyl ether                                                                                        | 101              |      | 100               |      | 66-130              | 1   |      | 30            |
| p/m-Xylene                                                                                                     | 91               |      | 88                |      | 70-130              | 3   |      | 30            |
| o-Xylene                                                                                                       | 92               |      | 90                |      | 70-130              | 2   |      | 30            |
| cis-1,2-Dichloroethene                                                                                         | 96               |      | 94                |      | 70-130              | 2   |      | 30            |
| Dibromomethane                                                                                                 | 99               |      | 98                |      | 70-130              | 1   |      | 30            |
| Styrene                                                                                                        | 91               |      | 89                |      | 70-130              | 2   |      | 30            |
| Dichlorodifluoromethane                                                                                        | 60               |      | 62                |      | 30-146              | 3   |      | 30            |
| Acetone                                                                                                        | 116              |      | 104               |      | 54-140              | 11  |      | 30            |
| Carbon disulfide                                                                                               | 88               |      | 85                |      | 59-130              | 3   |      | 30            |
| 2-Butanone                                                                                                     | 105              |      | 98                |      | 70-130              | 7   |      | 30            |
| Vinyl acetate                                                                                                  | 102              |      | 100               |      | 70-130              | 2   |      | 30            |
| 4-Methyl-2-pentanone                                                                                           | 100              |      | 97                |      | 70-130              | 3   |      | 30            |
| 1,2,3-Trichloropropane                                                                                         | 87               |      | 92                |      | 68-130              | 6   |      | 30            |
| 2-Hexanone                                                                                                     | 92               |      | 89                |      | 70-130              | 3   |      | 30            |
| Bromochloromethane                                                                                             | 102              |      | 99                |      | 70-130              | 3   |      | 30            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 36-37 Batch: WG1780123-3 WG1780123-4 |                  |      |                   |      |                     |     |      |               |
| 2,2-Dichloropropane                                                                                            | 87               |      | 84                |      | 70-130              | 4   |      | 30            |
| 1,2-Dibromoethane                                                                                              | 98               |      | 96                |      | 70-130              | 2   |      | 30            |
| 1,3-Dichloropropane                                                                                            | 97               |      | 95                |      | 69-130              | 2   |      | 30            |
| 1,1,1,2-Tetrachloroethane                                                                                      | 92               |      | 91                |      | 70-130              | 1   |      | 30            |
| Bromobenzene                                                                                                   | 87               |      | 90                |      | 70-130              | 3   |      | 30            |
| n-Butylbenzene                                                                                                 | 86               |      | 84                |      | 70-130              | 2   |      | 30            |
| sec-Butylbenzene                                                                                               | 83               |      | 82                |      | 70-130              | 1   |      | 30            |
| tert-Butylbenzene                                                                                              | 83               |      | 83                |      | 70-130              | 0   |      | 30            |
| o-Chlorotoluene                                                                                                | 85               |      | 85                |      | 70-130              | 0   |      | 30            |
| p-Chlorotoluene                                                                                                | 87               |      | 86                |      | 70-130              | 1   |      | 30            |
| 1,2-Dibromo-3-chloropropane                                                                                    | 88               |      | 87                |      | 68-130              | 1   |      | 30            |
| Hexachlorobutadiene                                                                                            | 86               |      | 83                |      | 67-130              | 4   |      | 30            |
| Isopropylbenzene                                                                                               | 74               |      | 84                |      | 70-130              | 13  |      | 30            |
| p-Isopropyltoluene                                                                                             | 85               |      | 84                |      | 70-130              | 1   |      | 30            |
| Naphthalene                                                                                                    | 92               |      | 90                |      | 70-130              | 2   |      | 30            |
| Acrylonitrile                                                                                                  | 112              |      | 112               |      | 70-130              | 0   |      | 30            |
| n-Propylbenzene                                                                                                | 84               |      | 84                |      | 70-130              | 0   |      | 30            |
| 1,2,3-Trichlorobenzene                                                                                         | 96               |      | 94                |      | 70-130              | 2   |      | 30            |
| 1,2,4-Trichlorobenzene                                                                                         | 97               |      | 94                |      | 70-130              | 3   |      | 30            |
| 1,3,5-Trimethylbenzene                                                                                         | 86               |      | 86                |      | 70-130              | 0   |      | 30            |
| 1,2,4-Trimethylbenzene                                                                                         | 88               |      | 87                |      | 70-130              | 1   |      | 30            |
| 1,4-Dioxane                                                                                                    | 99               |      | 98                |      | 65-136              | 1   |      | 30            |
| p-Diethylbenzene                                                                                               | 86               |      | 83                |      | 70-130              | 4   |      | 30            |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Lab Number:** L2327188

**Project Number:** 0205563

**Report Date:** 06/07/23

| <b>Parameter</b>                                                                                               | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>%Recovery<br/>Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD<br/>Limits</b> |
|----------------------------------------------------------------------------------------------------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 36-37 Batch: WG1780123-3 WG1780123-4 |                          |             |                           |             |                             |            |             |                       |
| p-Ethyltoluene                                                                                                 | 84                       |             | 84                        |             | 70-130                      | 0          |             | 30                    |
| 1,2,4,5-Tetramethylbenzene                                                                                     | 91                       |             | 88                        |             | 70-130                      | 3          |             | 30                    |
| Ethyl ether                                                                                                    | 98                       |             | 101                       |             | 67-130                      | 3          |             | 30                    |
| trans-1,4-Dichloro-2-butene                                                                                    | 98                       |             | 95                        |             | 70-130                      | 3          |             | 30                    |

| <b>Surrogate</b>      | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>Acceptance<br/>Criteria</b> |
|-----------------------|--------------------------|-------------|---------------------------|-------------|--------------------------------|
| 1,2-Dichloroethane-d4 | 102                      |             | 103                       |             | 70-130                         |
| Toluene-d8            | 99                       |             | 99                        |             | 70-130                         |
| 4-Bromofluorobenzene  | 91                       |             | 95                        |             | 70-130                         |
| Dibromofluoromethane  | 101                      |             | 101                       |             | 70-130                         |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 39 Batch: WG1780134-3 WG1780134-4 |                  |      |                   |      |                     |     |      |               |
| Methylene chloride                                                                                          | 128              |      | 119               |      | 70-130              | 7   |      | 30            |
| 1,1-Dichloroethane                                                                                          | 112              |      | 114               |      | 70-130              | 2   |      | 30            |
| Chloroform                                                                                                  | 115              |      | 115               |      | 70-130              | 0   |      | 30            |
| Carbon tetrachloride                                                                                        | 97               |      | 98                |      | 70-130              | 1   |      | 30            |
| 1,2-Dichloropropane                                                                                         | 113              |      | 116               |      | 70-130              | 3   |      | 30            |
| Dibromochloromethane                                                                                        | 112              |      | 113               |      | 70-130              | 1   |      | 30            |
| 1,1,2-Trichloroethane                                                                                       | 112              |      | 115               |      | 70-130              | 3   |      | 30            |
| Tetrachloroethene                                                                                           | 102              |      | 103               |      | 70-130              | 1   |      | 30            |
| Chlorobenzene                                                                                               | 108              |      | 108               |      | 70-130              | 0   |      | 30            |
| Trichlorofluoromethane                                                                                      | 100              |      | 90                |      | 70-139              | 11  |      | 30            |
| 1,2-Dichloroethane                                                                                          | 118              |      | 119               |      | 70-130              | 1   |      | 30            |
| 1,1,1-Trichloroethane                                                                                       | 107              |      | 107               |      | 70-130              | 0   |      | 30            |
| Bromodichloromethane                                                                                        | 114              |      | 115               |      | 70-130              | 1   |      | 30            |
| trans-1,3-Dichloropropene                                                                                   | 116              |      | 117               |      | 70-130              | 1   |      | 30            |
| cis-1,3-Dichloropropene                                                                                     | 118              |      | 120               |      | 70-130              | 2   |      | 30            |
| 1,1-Dichloropropene                                                                                         | 105              |      | 104               |      | 70-130              | 1   |      | 30            |
| Bromoform                                                                                                   | 104              |      | 109               |      | 70-130              | 5   |      | 30            |
| 1,1,2,2-Tetrachloroethane                                                                                   | 109              |      | 109               |      | 70-130              | 0   |      | 30            |
| Benzene                                                                                                     | 111              |      | 112               |      | 70-130              | 1   |      | 30            |
| Toluene                                                                                                     | 100              |      | 102               |      | 70-130              | 2   |      | 30            |
| Ethylbenzene                                                                                                | 101              |      | 103               |      | 70-130              | 2   |      | 30            |
| Chloromethane                                                                                               | 107              |      | 104               |      | 52-130              | 3   |      | 30            |
| Bromomethane                                                                                                | 138              |      | 128               |      | 57-147              | 8   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 39 Batch: WG1780134-3 WG1780134-4 |                  |      |                   |      |                     |     |      |               |
| Vinyl chloride                                                                                              | 104              |      | 99                |      | 67-130              | 5   |      | 30            |
| Chloroethane                                                                                                | 107              |      | 101               |      | 50-151              | 6   |      | 30            |
| 1,1-Dichloroethene                                                                                          | 103              |      | 97                |      | 65-135              | 6   |      | 30            |
| trans-1,2-Dichloroethene                                                                                    | 119              |      | 123               |      | 70-130              | 3   |      | 30            |
| Trichloroethene                                                                                             | 110              |      | 109               |      | 70-130              | 1   |      | 30            |
| 1,2-Dichlorobenzene                                                                                         | 109              |      | 110               |      | 70-130              | 1   |      | 30            |
| 1,3-Dichlorobenzene                                                                                         | 109              |      | 107               |      | 70-130              | 2   |      | 30            |
| 1,4-Dichlorobenzene                                                                                         | 110              |      | 109               |      | 70-130              | 1   |      | 30            |
| Methyl tert butyl ether                                                                                     | 115              |      | 149               | Q    | 66-130              | 26  |      | 30            |
| p/m-Xylene                                                                                                  | 106              |      | 108               |      | 70-130              | 2   |      | 30            |
| o-Xylene                                                                                                    | 105              |      | 107               |      | 70-130              | 2   |      | 30            |
| cis-1,2-Dichloroethene                                                                                      | 112              |      | 113               |      | 70-130              | 1   |      | 30            |
| Dibromomethane                                                                                              | 120              |      | 122               |      | 70-130              | 2   |      | 30            |
| Styrene                                                                                                     | 107              |      | 109               |      | 70-130              | 2   |      | 30            |
| Dichlorodifluoromethane                                                                                     | 94               |      | 89                |      | 30-146              | 5   |      | 30            |
| Acetone                                                                                                     | 148              | Q    | 140               |      | 54-140              | 6   |      | 30            |
| Carbon disulfide                                                                                            | 105              |      | 98                |      | 59-130              | 7   |      | 30            |
| 2-Butanone                                                                                                  | 107              |      | 112               |      | 70-130              | 5   |      | 30            |
| Vinyl acetate                                                                                               | 122              |      | 123               |      | 70-130              | 1   |      | 30            |
| 4-Methyl-2-pentanone                                                                                        | 109              |      | 106               |      | 70-130              | 3   |      | 30            |
| 1,2,3-Trichloropropane                                                                                      | 109              |      | 108               |      | 68-130              | 1   |      | 30            |
| 2-Hexanone                                                                                                  | 105              |      | 106               |      | 70-130              | 1   |      | 30            |
| Bromochloromethane                                                                                          | 119              |      | 118               |      | 70-130              | 1   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 39 Batch: WG1780134-3 WG1780134-4 |                  |      |                   |      |                     |     |      |               |
| 2,2-Dichloropropane                                                                                         | 102              |      | 103               |      | 70-130              | 1   |      | 30            |
| 1,2-Dibromoethane                                                                                           | 116              |      | 118               |      | 70-130              | 2   |      | 30            |
| 1,3-Dichloropropane                                                                                         | 113              |      | 116               |      | 69-130              | 3   |      | 30            |
| 1,1,1,2-Tetrachloroethane                                                                                   | 110              |      | 111               |      | 70-130              | 1   |      | 30            |
| Bromobenzene                                                                                                | 109              |      | 107               |      | 70-130              | 2   |      | 30            |
| n-Butylbenzene                                                                                              | 100              |      | 102               |      | 70-130              | 2   |      | 30            |
| sec-Butylbenzene                                                                                            | 96               |      | 96                |      | 70-130              | 0   |      | 30            |
| tert-Butylbenzene                                                                                           | 97               |      | 97                |      | 70-130              | 0   |      | 30            |
| o-Chlorotoluene                                                                                             | 103              |      | 103               |      | 70-130              | 0   |      | 30            |
| p-Chlorotoluene                                                                                             | 105              |      | 106               |      | 70-130              | 1   |      | 30            |
| 1,2-Dibromo-3-chloropropane                                                                                 | 105              |      | 107               |      | 68-130              | 2   |      | 30            |
| Hexachlorobutadiene                                                                                         | 97               |      | 96                |      | 67-130              | 1   |      | 30            |
| Isopropylbenzene                                                                                            | 94               |      | 97                |      | 70-130              | 3   |      | 30            |
| p-Isopropyltoluene                                                                                          | 99               |      | 100               |      | 70-130              | 1   |      | 30            |
| Naphthalene                                                                                                 | 107              |      | 108               |      | 70-130              | 1   |      | 30            |
| Acrylonitrile                                                                                               | 122              |      | 120               |      | 70-130              | 2   |      | 30            |
| n-Propylbenzene                                                                                             | 101              |      | 99                |      | 70-130              | 2   |      | 30            |
| 1,2,3-Trichlorobenzene                                                                                      | 112              |      | 112               |      | 70-130              | 0   |      | 30            |
| 1,2,4-Trichlorobenzene                                                                                      | 114              |      | 110               |      | 70-130              | 4   |      | 30            |
| 1,3,5-Trimethylbenzene                                                                                      | 103              |      | 103               |      | 70-130              | 0   |      | 30            |
| 1,2,4-Trimethylbenzene                                                                                      | 104              |      | 105               |      | 70-130              | 1   |      | 30            |
| 1,4-Dioxane                                                                                                 | 111              |      | 112               |      | 65-136              | 1   |      | 30            |
| p-Diethylbenzene                                                                                            | 103              |      | 103               |      | 70-130              | 0   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 39 Batch: WG1780134-3 WG1780134-4 |                  |      |                   |      |                     |     |      |               |
| p-Ethyltoluene                                                                                              | 103              |      | 101               |      | 70-130              | 2   |      | 30            |
| 1,2,4,5-Tetramethylbenzene                                                                                  | 105              |      | 103               |      | 70-130              | 2   |      | 30            |
| Ethyl ether                                                                                                 | 122              |      | 117               |      | 67-130              | 4   |      | 30            |
| trans-1,4-Dichloro-2-butene                                                                                 | 115              |      | 112               |      | 70-130              | 3   |      | 30            |

| Surrogate             | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 105              |      | 107               |      | 70-130                 |
| Toluene-d8            | 99               |      | 101               |      | 70-130                 |
| 4-Bromofluorobenzene  | 99               |      | 93                |      | 70-130                 |
| Dibromofluoromethane  | 100              |      | 102               |      | 70-130                 |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

| Parameter                                                                                                                        | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 18-19,21-22,24-25,27-28 Batch: WG1780135-3 WG1780135-4 |                  |      |                   |      |                     |     |      |               |
| Methylene chloride                                                                                                               | 108              |      | 113               |      | 70-130              | 5   |      | 30            |
| 1,1-Dichloroethane                                                                                                               | 107              |      | 110               |      | 70-130              | 3   |      | 30            |
| Chloroform                                                                                                                       | 110              |      | 114               |      | 70-130              | 4   |      | 30            |
| Carbon tetrachloride                                                                                                             | 112              |      | 114               |      | 70-130              | 2   |      | 30            |
| 1,2-Dichloropropane                                                                                                              | 112              |      | 111               |      | 70-130              | 1   |      | 30            |
| Dibromochloromethane                                                                                                             | 85               |      | 85                |      | 70-130              | 0   |      | 30            |
| 1,1,2-Trichloroethane                                                                                                            | 82               |      | 83                |      | 70-130              | 1   |      | 30            |
| Tetrachloroethene                                                                                                                | 87               |      | 87                |      | 70-130              | 0   |      | 30            |
| Chlorobenzene                                                                                                                    | 102              |      | 105               |      | 70-130              | 3   |      | 30            |
| Trichlorofluoromethane                                                                                                           | 107              |      | 123               |      | 70-139              | 14  |      | 30            |
| 1,2-Dichloroethane                                                                                                               | 101              |      | 102               |      | 70-130              | 1   |      | 30            |
| 1,1,1-Trichloroethane                                                                                                            | 114              |      | 117               |      | 70-130              | 3   |      | 30            |
| Bromodichloromethane                                                                                                             | 117              |      | 114               |      | 70-130              | 3   |      | 30            |
| trans-1,3-Dichloropropene                                                                                                        | 81               |      | 80                |      | 70-130              | 1   |      | 30            |
| cis-1,3-Dichloropropene                                                                                                          | 111              |      | 114               |      | 70-130              | 3   |      | 30            |
| 1,1-Dichloropropene                                                                                                              | 118              |      | 117               |      | 70-130              | 1   |      | 30            |
| Bromoform                                                                                                                        | 91               |      | 93                |      | 70-130              | 2   |      | 30            |
| 1,1,2,2-Tetrachloroethane                                                                                                        | 98               |      | 100               |      | 70-130              | 2   |      | 30            |
| Benzene                                                                                                                          | 114              |      | 118               |      | 70-130              | 3   |      | 30            |
| Toluene                                                                                                                          | 82               |      | 82                |      | 70-130              | 0   |      | 30            |
| Ethylbenzene                                                                                                                     | 98               |      | 101               |      | 70-130              | 3   |      | 30            |
| Chloromethane                                                                                                                    | 106              |      | 102               |      | 52-130              | 4   |      | 30            |
| Bromomethane                                                                                                                     | 189              | Q    | 199               | Q    | 57-147              | 5   |      | 30            |



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

| Parameter                                                                                                                        | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 18-19,21-22,24-25,27-28 Batch: WG1780135-3 WG1780135-4 |                  |      |                   |      |                     |     |      |               |
| Vinyl chloride                                                                                                                   | 122              |      | 126               |      | 67-130              | 3   |      | 30            |
| Chloroethane                                                                                                                     | 122              |      | 138               |      | 50-151              | 12  |      | 30            |
| 1,1-Dichloroethene                                                                                                               | 215              | Q    | 142               | Q    | 65-135              | 41  | Q    | 30            |
| trans-1,2-Dichloroethene                                                                                                         | 117              |      | 122               |      | 70-130              | 4   |      | 30            |
| Trichloroethene                                                                                                                  | 122              |      | 126               |      | 70-130              | 3   |      | 30            |
| 1,2-Dichlorobenzene                                                                                                              | 96               |      | 99                |      | 70-130              | 3   |      | 30            |
| 1,3-Dichlorobenzene                                                                                                              | 95               |      | 98                |      | 70-130              | 3   |      | 30            |
| 1,4-Dichlorobenzene                                                                                                              | 95               |      | 97                |      | 70-130              | 2   |      | 30            |
| Methyl tert butyl ether                                                                                                          | 105              |      | 109               |      | 66-130              | 4   |      | 30            |
| p/m-Xylene                                                                                                                       | 91               |      | 102               |      | 70-130              | 11  |      | 30            |
| o-Xylene                                                                                                                         | 84               |      | 85                |      | 70-130              | 1   |      | 30            |
| cis-1,2-Dichloroethene                                                                                                           | 117              |      | 121               |      | 70-130              | 3   |      | 30            |
| Dibromomethane                                                                                                                   | 132              | Q    | 113               |      | 70-130              | 16  |      | 30            |
| Styrene                                                                                                                          | 80               |      | 81                |      | 70-130              | 1   |      | 30            |
| Dichlorodifluoromethane                                                                                                          | 91               |      | 90                |      | 30-146              | 1   |      | 30            |
| Acetone                                                                                                                          | 84               |      | 87                |      | 54-140              | 4   |      | 30            |
| Carbon disulfide                                                                                                                 | 200              | Q    | 124               |      | 59-130              | 47  | Q    | 30            |
| 2-Butanone                                                                                                                       | 89               |      | 91                |      | 70-130              | 2   |      | 30            |
| Vinyl acetate                                                                                                                    | 87               |      | 90                |      | 70-130              | 3   |      | 30            |
| 4-Methyl-2-pentanone                                                                                                             | 68               | Q    | 65                | Q    | 70-130              | 5   |      | 30            |
| 1,2,3-Trichloropropane                                                                                                           | 91               |      | 92                |      | 68-130              | 1   |      | 30            |
| 2-Hexanone                                                                                                                       | 86               |      | 82                |      | 70-130              | 5   |      | 30            |
| Bromochloromethane                                                                                                               | 114              |      | 118               |      | 70-130              | 3   |      | 30            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                        | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 18-19,21-22,24-25,27-28 Batch: WG1780135-3 WG1780135-4 |                  |      |                   |      |                     |     |      |               |
| 2,2-Dichloropropane                                                                                                              | 112              |      | 110               |      | 70-130              | 2   |      | 30            |
| 1,2-Dibromoethane                                                                                                                | 91               |      | 109               |      | 70-130              | 18  |      | 30            |
| 1,3-Dichloropropane                                                                                                              | 95               |      | 82                |      | 69-130              | 15  |      | 30            |
| 1,1,1,2-Tetrachloroethane                                                                                                        | 98               |      | 101               |      | 70-130              | 3   |      | 30            |
| Bromobenzene                                                                                                                     | 94               |      | 97                |      | 70-130              | 3   |      | 30            |
| n-Butylbenzene                                                                                                                   | 99               |      | 101               |      | 70-130              | 2   |      | 30            |
| sec-Butylbenzene                                                                                                                 | 99               |      | 101               |      | 70-130              | 2   |      | 30            |
| tert-Butylbenzene                                                                                                                | 96               |      | 98                |      | 70-130              | 2   |      | 30            |
| o-Chlorotoluene                                                                                                                  | 93               |      | 95                |      | 70-130              | 2   |      | 30            |
| p-Chlorotoluene                                                                                                                  | 91               |      | 93                |      | 70-130              | 2   |      | 30            |
| 1,2-Dibromo-3-chloropropane                                                                                                      | 98               |      | 96                |      | 68-130              | 2   |      | 30            |
| Hexachlorobutadiene                                                                                                              | 89               |      | 92                |      | 67-130              | 3   |      | 30            |
| Isopropylbenzene                                                                                                                 | 98               |      | 100               |      | 70-130              | 2   |      | 30            |
| p-Isopropyltoluene                                                                                                               | 97               |      | 99                |      | 70-130              | 2   |      | 30            |
| Naphthalene                                                                                                                      | 95               |      | 96                |      | 70-130              | 1   |      | 30            |
| Acrylonitrile                                                                                                                    | 104              |      | 107               |      | 70-130              | 3   |      | 30            |
| n-Propylbenzene                                                                                                                  | 96               |      | 98                |      | 70-130              | 2   |      | 30            |
| 1,2,3-Trichlorobenzene                                                                                                           | 96               |      | 97                |      | 70-130              | 1   |      | 30            |
| 1,2,4-Trichlorobenzene                                                                                                           | 94               |      | 96                |      | 70-130              | 2   |      | 30            |
| 1,3,5-Trimethylbenzene                                                                                                           | 94               |      | 96                |      | 70-130              | 2   |      | 30            |
| 1,2,4-Trimethylbenzene                                                                                                           | 93               |      | 96                |      | 70-130              | 3   |      | 30            |
| 1,4-Dioxane                                                                                                                      | 112              |      | 107               |      | 65-136              | 5   |      | 30            |
| p-Diethylbenzene                                                                                                                 | 97               |      | 100               |      | 70-130              | 3   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                        | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 18-19,21-22,24-25,27-28 Batch: WG1780135-3 WG1780135-4 |                  |      |                   |      |                     |     |      |               |
| p-Ethyltoluene                                                                                                                   | 97               |      | 100               |      | 70-130              | 3   |      | 30            |
| 1,2,4,5-Tetramethylbenzene                                                                                                       | 93               |      | 96                |      | 70-130              | 3   |      | 30            |
| Ethyl ether                                                                                                                      | 114              |      | 132               | Q    | 67-130              | 15  |      | 30            |
| trans-1,4-Dichloro-2-butene                                                                                                      | 83               |      | 83                |      | 70-130              | 0   |      | 30            |

| Surrogate             | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 92               |      | 89                |      | 70-130                 |
| Toluene-d8            | 78               |      | 76                |      | 70-130                 |
| 4-Bromofluorobenzene  | 86               |      | 85                |      | 70-130                 |
| Dibromofluoromethane  | 104              |      | 104               |      | 70-130                 |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Lab Number:** L2327188

**Project Number:** 0205563

**Report Date:** 06/07/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 14-17 Batch: WG1781891-3 WG1781891-4 |                  |      |                   |      |                     |     |      |               |
| Methylene chloride                                                                                             | 100              |      | 99                |      | 70-130              | 1   |      | 30            |
| 1,1-Dichloroethane                                                                                             | 111              |      | 112               |      | 70-130              | 1   |      | 30            |
| Chloroform                                                                                                     | 112              |      | 110               |      | 70-130              | 2   |      | 30            |
| Carbon tetrachloride                                                                                           | 128              |      | 129               |      | 70-130              | 1   |      | 30            |
| 1,2-Dichloropropane                                                                                            | 113              |      | 116               |      | 70-130              | 3   |      | 30            |
| Dibromochloromethane                                                                                           | 94               |      | 101               |      | 70-130              | 7   |      | 30            |
| 1,1,2-Trichloroethane                                                                                          | 87               |      | 98                |      | 70-130              | 12  |      | 30            |
| Tetrachloroethene                                                                                              | 73               |      | 96                |      | 70-130              | 27  |      | 30            |
| Chlorobenzene                                                                                                  | 94               |      | 102               |      | 70-130              | 8   |      | 30            |
| Trichlorofluoromethane                                                                                         | 127              |      | 131               |      | 70-139              | 3   |      | 30            |
| 1,2-Dichloroethane                                                                                             | 110              |      | 114               |      | 70-130              | 4   |      | 30            |
| 1,1,1-Trichloroethane                                                                                          | 123              |      | 126               |      | 70-130              | 2   |      | 30            |
| Bromodichloromethane                                                                                           | 122              |      | 123               |      | 70-130              | 1   |      | 30            |
| trans-1,3-Dichloropropene                                                                                      | 78               |      | 103               |      | 70-130              | 28  |      | 30            |
| cis-1,3-Dichloropropene                                                                                        | 120              |      | 124               |      | 70-130              | 3   |      | 30            |
| 1,1-Dichloropropene                                                                                            | 105              |      | 109               |      | 70-130              | 4   |      | 30            |
| Bromoform                                                                                                      | 117              |      | 98                |      | 70-130              | 18  |      | 30            |
| 1,1,2,2-Tetrachloroethane                                                                                      | 73               |      | 81                |      | 70-130              | 10  |      | 30            |
| Benzene                                                                                                        | 115              |      | 118               |      | 70-130              | 3   |      | 30            |
| Toluene                                                                                                        | 72               |      | 96                |      | 70-130              | 29  |      | 30            |
| Ethylbenzene                                                                                                   | 99               |      | 100               |      | 70-130              | 1   |      | 30            |
| Chloromethane                                                                                                  | 118              |      | 120               |      | 52-130              | 2   |      | 30            |
| Bromomethane                                                                                                   | 123              |      | 129               |      | 57-147              | 5   |      | 30            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 14-17 Batch: WG1781891-3 WG1781891-4 |                  |      |                   |      |                     |     |      |               |
| Vinyl chloride                                                                                                 | 118              |      | 120               |      | 67-130              | 2   |      | 30            |
| Chloroethane                                                                                                   | 132              |      | 136               |      | 50-151              | 3   |      | 30            |
| 1,1-Dichloroethene                                                                                             | 107              |      | 111               |      | 65-135              | 4   |      | 30            |
| trans-1,2-Dichloroethene                                                                                       | 111              |      | 112               |      | 70-130              | 1   |      | 30            |
| Trichloroethene                                                                                                | 110              |      | 114               |      | 70-130              | 4   |      | 30            |
| 1,2-Dichlorobenzene                                                                                            | 86               |      | 96                |      | 70-130              | 11  |      | 30            |
| 1,3-Dichlorobenzene                                                                                            | 87               |      | 97                |      | 70-130              | 11  |      | 30            |
| 1,4-Dichlorobenzene                                                                                            | 87               |      | 97                |      | 70-130              | 11  |      | 30            |
| Methyl tert butyl ether                                                                                        | 106              |      | 110               |      | 66-130              | 4   |      | 30            |
| p/m-Xylene                                                                                                     | 107              |      | 106               |      | 70-130              | 1   |      | 30            |
| o-Xylene                                                                                                       | 105              |      | 104               |      | 70-130              | 1   |      | 30            |
| cis-1,2-Dichloroethene                                                                                         | 105              |      | 108               |      | 70-130              | 3   |      | 30            |
| Dibromomethane                                                                                                 | 110              |      | 113               |      | 70-130              | 3   |      | 30            |
| Styrene                                                                                                        | 102              |      | 103               |      | 70-130              | 1   |      | 30            |
| Dichlorodifluoromethane                                                                                        | 87               |      | 90                |      | 30-146              | 3   |      | 30            |
| Acetone                                                                                                        | 117              |      | 112               |      | 54-140              | 4   |      | 30            |
| Carbon disulfide                                                                                               | 113              |      | 116               |      | 59-130              | 3   |      | 30            |
| 2-Butanone                                                                                                     | 101              |      | 99                |      | 70-130              | 2   |      | 30            |
| Vinyl acetate                                                                                                  | 113              |      | 117               |      | 70-130              | 3   |      | 30            |
| 4-Methyl-2-pentanone                                                                                           | 68               | Q    | 90                |      | 70-130              | 28  |      | 30            |
| 1,2,3-Trichloropropane                                                                                         | 80               |      | 89                |      | 68-130              | 11  |      | 30            |
| 2-Hexanone                                                                                                     | 85               |      | 92                |      | 70-130              | 8   |      | 30            |
| Bromochloromethane                                                                                             | 109              |      | 112               |      | 70-130              | 3   |      | 30            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 14-17 Batch: WG1781891-3 WG1781891-4 |                  |      |                   |      |                     |     |      |               |
| 2,2-Dichloropropane                                                                                            | 114              |      | 117               |      | 70-130              | 3   |      | 30            |
| 1,2-Dibromoethane                                                                                              | 86               |      | 88                |      | 70-130              | 2   |      | 30            |
| 1,3-Dichloropropane                                                                                            | 92               |      | 96                |      | 69-130              | 4   |      | 30            |
| 1,1,1,2-Tetrachloroethane                                                                                      | 109              |      | 105               |      | 70-130              | 4   |      | 30            |
| Bromobenzene                                                                                                   | 84               |      | 93                |      | 70-130              | 10  |      | 30            |
| n-Butylbenzene                                                                                                 | 92               |      | 103               |      | 70-130              | 11  |      | 30            |
| sec-Butylbenzene                                                                                               | 87               |      | 96                |      | 70-130              | 10  |      | 30            |
| tert-Butylbenzene                                                                                              | 86               |      | 95                |      | 70-130              | 10  |      | 30            |
| o-Chlorotoluene                                                                                                | 86               |      | 93                |      | 70-130              | 8   |      | 30            |
| p-Chlorotoluene                                                                                                | 85               |      | 94                |      | 70-130              | 10  |      | 30            |
| 1,2-Dibromo-3-chloropropane                                                                                    | 85               |      | 126               |      | 68-130              | 39  | Q    | 30            |
| Hexachlorobutadiene                                                                                            | 91               |      | 138               | Q    | 67-130              | 41  | Q    | 30            |
| Isopropylbenzene                                                                                               | 106              |      | 93                |      | 70-130              | 13  |      | 30            |
| p-Isopropyltoluene                                                                                             | 89               |      | 99                |      | 70-130              | 11  |      | 30            |
| Naphthalene                                                                                                    | 80               |      | 118               |      | 70-130              | 38  | Q    | 30            |
| Acrylonitrile                                                                                                  | 110              |      | 113               |      | 70-130              | 3   |      | 30            |
| n-Propylbenzene                                                                                                | 87               |      | 96                |      | 70-130              | 10  |      | 30            |
| 1,2,3-Trichlorobenzene                                                                                         | 83               |      | 124               |      | 70-130              | 40  | Q    | 30            |
| 1,2,4-Trichlorobenzene                                                                                         | 87               |      | 131               | Q    | 70-130              | 40  | Q    | 30            |
| 1,3,5-Trimethylbenzene                                                                                         | 90               |      | 100               |      | 70-130              | 11  |      | 30            |
| 1,2,4-Trimethylbenzene                                                                                         | 90               |      | 98                |      | 70-130              | 9   |      | 30            |
| 1,4-Dioxane                                                                                                    | 98               |      | 105               |      | 65-136              | 7   |      | 30            |
| p-Diethylbenzene                                                                                               | 92               |      | 102               |      | 70-130              | 10  |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 14-17 Batch: WG1781891-3 WG1781891-4 |                  |      |                   |      |                     |     |      |               |
| p-Ethyltoluene                                                                                                 | 88               |      | 97                |      | 70-130              | 10  |      | 30            |
| 1,2,4,5-Tetramethylbenzene                                                                                     | 77               |      | 104               |      | 70-130              | 30  |      | 30            |
| Ethyl ether                                                                                                    | 112              |      | 132               | Q    | 67-130              | 16  |      | 30            |
| trans-1,4-Dichloro-2-butene                                                                                    | 88               |      | 97                |      | 70-130              | 10  |      | 30            |

| Surrogate             | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 105              |      | 105               |      | 70-130                 |
| Toluene-d8            | 74               |      | 95                |      | 70-130                 |
| 4-Bromofluorobenzene  | 86               |      | 89                |      | 70-130                 |
| Dibromofluoromethane  | 105              |      | 105               |      | 70-130                 |

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                                                             | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 18-19,21-22,24-25,27-28 QC Batch ID: WG1780135-6 WG1780135-7 QC Sample: L2327188-18 Client ID: SRI-01_14-16 |               |          |          |              |      |           |               |      |                 |     |      |            |
| Methylene chloride                                                                                                                                                                    | ND            | 116      | 100      | 89           |      | 82        | 92            |      | 70-130          | 23  |      | 30         |
| 1,1-Dichloroethane                                                                                                                                                                    | ND            | 116      | 100      | 89           |      | 85        | 95            |      | 70-130          | 19  |      | 30         |
| Chloroform                                                                                                                                                                            | ND            | 116      | 110      | 93           |      | 88        | 98            |      | 70-130          | 21  |      | 30         |
| Carbon tetrachloride                                                                                                                                                                  | ND            | 116      | 110      | 96           |      | 96        | 107           |      | 70-130          | 15  |      | 30         |
| 1,2-Dichloropropane                                                                                                                                                                   | ND            | 116      | 100      | 89           |      | 82        | 91            |      | 70-130          | 23  |      | 30         |
| Dibromochloromethane                                                                                                                                                                  | ND            | 116      | 93       | 81           |      | 74        | 82            |      | 70-130          | 24  |      | 30         |
| 1,1,2-Trichloroethane                                                                                                                                                                 | ND            | 116      | 89       | 77           |      | 68        | 76            |      | 70-130          | 27  |      | 30         |
| Tetrachloroethene                                                                                                                                                                     | ND            | 116      | 86       | 74           |      | 82        | 92            |      | 70-130          | 5   |      | 30         |
| Chlorobenzene                                                                                                                                                                         | ND            | 116      | 80       | 69           | Q    | 75        | 84            |      | 70-130          | 6   |      | 30         |
| Trichlorofluoromethane                                                                                                                                                                | ND            | 116      | 120      | 99           |      | 98        | 110           |      | 70-139          | 16  |      | 30         |
| 1,2-Dichloroethane                                                                                                                                                                    | ND            | 116      | 97       | 84           |      | 73        | 81            |      | 70-130          | 29  |      | 30         |
| 1,1,1-Trichloroethane                                                                                                                                                                 | ND            | 116      | 110      | 96           |      | 94        | 105           |      | 70-130          | 17  |      | 30         |
| Bromodichloromethane                                                                                                                                                                  | ND            | 116      | 110      | 93           |      | 86        | 96            |      | 70-130          | 22  |      | 30         |
| trans-1,3-Dichloropropene                                                                                                                                                             | ND            | 116      | 84       | 73           |      | 66        | 74            |      | 70-130          | 24  |      | 30         |
| cis-1,3-Dichloropropene                                                                                                                                                               | ND            | 116      | 110      | 92           |      | 84        | 94            |      | 70-130          | 23  |      | 30         |
| 1,1-Dichloropropene                                                                                                                                                                   | ND            | 116      | 110      | 92           |      | 93        | 104           |      | 70-130          | 14  |      | 30         |
| Bromoform                                                                                                                                                                             | ND            | 116      | 82       | 71           |      | 68        | 76            |      | 70-130          | 19  |      | 30         |
| 1,1,2,2-Tetrachloroethane                                                                                                                                                             | ND            | 116      | 65       | 56           | Q    | 64        | 72            |      | 70-130          | 0   |      | 30         |
| Benzene                                                                                                                                                                               | ND            | 116      | 110      | 98           |      | 92        | 103           |      | 70-130          | 20  |      | 30         |
| Toluene                                                                                                                                                                               | ND            | 116      | 86       | 75           |      | 77        | 86            |      | 70-130          | 11  |      | 30         |
| Ethylbenzene                                                                                                                                                                          | ND            | 116      | 76       | 66           | Q    | 76        | 85            |      | 70-130          | 0   |      | 30         |
| Chloromethane                                                                                                                                                                         | ND            | 116      | 90       | 77           |      | 82        | 91            |      | 52-130          | 9   |      | 30         |
| Bromomethane                                                                                                                                                                          | ND            | 116      | 150      | 126          |      | 120       | 132           |      | 57-147          | 21  |      | 30         |



# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                                                             | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 18-19,21-22,24-25,27-28 QC Batch ID: WG1780135-6 WG1780135-7 QC Sample: L2327188-18 Client ID: SRI-01_14-16 |               |          |          |              |      |           |               |      |                 |     |      |            |
| Vinyl chloride                                                                                                                                                                        | ND            | 116      | 110      | 92           |      | 96        | 107           |      | 67-130          | 10  |      | 30         |
| Chloroethane                                                                                                                                                                          | ND            | 116      | 130      | 116          |      | 110       | 119           |      | 50-151          | 22  |      | 30         |
| 1,1-Dichloroethene                                                                                                                                                                    | ND            | 116      | 120      | 99           |      | 97        | 108           |      | 65-135          | 17  |      | 30         |
| trans-1,2-Dichloroethene                                                                                                                                                              | ND            | 116      | 110      | 98           |      | 96        | 107           |      | 70-130          | 17  |      | 30         |
| Trichloroethene                                                                                                                                                                       | ND            | 116      | 120      | 104          |      | 91        | 102           |      | 70-130          | 27  |      | 30         |
| 1,2-Dichlorobenzene                                                                                                                                                                   | ND            | 116      | 52       | 45           | Q    | 64        | 72            |      | 70-130          | 20  |      | 30         |
| 1,3-Dichlorobenzene                                                                                                                                                                   | ND            | 116      | 52       | 45           | Q    | 65        | 72            |      | 70-130          | 22  |      | 30         |
| 1,4-Dichlorobenzene                                                                                                                                                                   | ND            | 116      | 50       | 43           | Q    | 61        | 69            | Q    | 70-130          | 21  |      | 30         |
| Methyl tert butyl ether                                                                                                                                                               | ND            | 116      | 100      | 90           |      | 76        | 85            |      | 66-130          | 31  | Q    | 30         |
| p/m-Xylene                                                                                                                                                                            | ND            | 231      | 150      | 65           | Q    | 150       | 82            |      | 70-130          | 2   |      | 30         |
| o-Xylene                                                                                                                                                                              | ND            | 231      | 150      | 63           | Q    | 150       | 82            |      | 70-130          | 0   |      | 30         |
| cis-1,2-Dichloroethene                                                                                                                                                                | ND            | 116      | 110      | 98           |      | 91        | 101           |      | 70-130          | 22  |      | 30         |
| Dibromomethane                                                                                                                                                                        | ND            | 116      | 110      | 93           |      | 80        | 89            |      | 70-130          | 30  |      | 30         |
| Styrene                                                                                                                                                                               | ND            | 231      | 140      | 62           | Q    | 140       | 78            |      | 70-130          | 2   |      | 30         |
| Dichlorodifluoromethane                                                                                                                                                               | ND            | 116      | 87       | 75           |      | 80        | 89            |      | 30-146          | 8   |      | 30         |
| Acetone                                                                                                                                                                               | 5.1J          | 116      | 82       | 70           |      | 54        | 60            |      | 54-140          | 40  | Q    | 30         |
| Carbon disulfide                                                                                                                                                                      | ND            | 116      | 110      | 93           |      | 93        | 104           |      | 59-130          | 15  |      | 30         |
| 2-Butanone                                                                                                                                                                            | ND            | 116      | 81       | 70           |      | 57        | 63            | Q    | 70-130          | 35  | Q    | 30         |
| Vinyl acetate                                                                                                                                                                         | ND            | 116      | 37       | 32           | Q    | 64        | 71            |      | 70-130          | 52  | Q    | 30         |
| 4-Methyl-2-pentanone                                                                                                                                                                  | ND            | 116      | 79       | 69           | Q    | 55        | 62            | Q    | 70-130          | 36  | Q    | 30         |
| 1,2,3-Trichloropropane                                                                                                                                                                | ND            | 116      | 75       | 65           | Q    | 59        | 66            | Q    | 68-130          | 24  |      | 30         |
| 2-Hexanone                                                                                                                                                                            | ND            | 116      | 78       | 67           | Q    | 51        | 57            | Q    | 70-130          | 41  | Q    | 30         |
| Bromochloromethane                                                                                                                                                                    | ND            | 116      | 110      | 98           |      | 85        | 95            |      | 70-130          | 28  |      | 30         |

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                                                             | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 18-19,21-22,24-25,27-28 QC Batch ID: WG1780135-6 WG1780135-7 QC Sample: L2327188-18 Client ID: SRI-01_14-16 |               |          |          |              |      |           |               |      |                 |     |      |            |
| 2,2-Dichloropropane                                                                                                                                                                   | ND            | 116      | 110      | 96           |      | 93        | 104           |      | 70-130          | 18  |      | 30         |
| 1,2-Dibromoethane                                                                                                                                                                     | ND            | 116      | 92       | 80           |      | 70        | 78            |      | 70-130          | 27  |      | 30         |
| 1,3-Dichloropropane                                                                                                                                                                   | ND            | 116      | 87       | 75           |      | 66        | 74            |      | 69-130          | 27  |      | 30         |
| 1,1,1,2-Tetrachloroethane                                                                                                                                                             | ND            | 116      | 83       | 72           |      | 75        | 84            |      | 70-130          | 10  |      | 30         |
| Bromobenzene                                                                                                                                                                          | ND            | 116      | 66       | 57           | Q    | 65        | 72            |      | 70-130          | 2   |      | 30         |
| n-Butylbenzene                                                                                                                                                                        | ND            | 116      | 45       | 39           | Q    | 68        | 76            |      | 70-130          | 40  | Q    | 30         |
| sec-Butylbenzene                                                                                                                                                                      | ND            | 116      | 56       | 49           | Q    | 75        | 84            |      | 70-130          | 29  |      | 30         |
| tert-Butylbenzene                                                                                                                                                                     | ND            | 116      | 60       | 52           | Q    | 74        | 82            |      | 70-130          | 21  |      | 30         |
| o-Chlorotoluene                                                                                                                                                                       | ND            | 116      | 60       | 51           | Q    | 68        | 75            |      | 70-130          | 13  |      | 30         |
| p-Chlorotoluene                                                                                                                                                                       | ND            | 116      | 57       | 49           | Q    | 64        | 72            |      | 70-130          | 12  |      | 30         |
| 1,2-Dibromo-3-chloropropane                                                                                                                                                           | ND            | 116      | 72       | 62           | Q    | 63        | 70            |      | 68-130          | 13  |      | 30         |
| Hexachlorobutadiene                                                                                                                                                                   | ND            | 116      | 31       | 27           | Q    | 59        | 66            | Q    | 67-130          | 62  | Q    | 30         |
| Isopropylbenzene                                                                                                                                                                      | ND            | 116      | 68       | 59           | Q    | 75        | 83            |      | 70-130          | 9   |      | 30         |
| p-Isopropyltoluene                                                                                                                                                                    | ND            | 116      | 52       | 45           | Q    | 71        | 80            |      | 70-130          | 31  | Q    | 30         |
| Naphthalene                                                                                                                                                                           | ND            | 116      | 45       | 39           | Q    | 58        | 64            | Q    | 70-130          | 24  |      | 30         |
| Acrylonitrile                                                                                                                                                                         | ND            | 116      | 94       | 81           |      | 66        | 74            |      | 70-130          | 35  | Q    | 30         |
| n-Propylbenzene                                                                                                                                                                       | ND            | 116      | 61       | 52           | Q    | 70        | 78            |      | 70-130          | 14  |      | 30         |
| 1,2,3-Trichlorobenzene                                                                                                                                                                | ND            | 116      | 28       | 24           | Q    | 57        | 63            | Q    | 70-130          | 68  | Q    | 30         |
| 1,2,4-Trichlorobenzene                                                                                                                                                                | ND            | 116      | 27       | 23           | Q    | 54        | 60            | Q    | 70-130          | 66  | Q    | 30         |
| 1,3,5-Trimethylbenzene                                                                                                                                                                | ND            | 116      | 58       | 50           | Q    | 70        | 78            |      | 70-130          | 18  |      | 30         |
| 1,2,4-Trimethylbenzene                                                                                                                                                                | ND            | 116      | 55       | 48           | Q    | 68        | 76            |      | 70-130          | 21  |      | 30         |
| 1,4-Dioxane                                                                                                                                                                           | ND            | 5780     | 7100     | 122          |      | 4100      | 92            |      | 65-136          | 53  | Q    | 30         |
| p-Diethylbenzene                                                                                                                                                                      | ND            | 116      | 45       | 39           | Q    | 68        | 76            |      | 70-130          | 40  | Q    | 30         |

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                                                             | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 18-19,21-22,24-25,27-28 QC Batch ID: WG1780135-6 WG1780135-7 QC Sample: L2327188-18 Client ID: SRI-01_14-16 |               |          |          |              |      |           |               |      |                 |     |      |            |
| p-Ethyltoluene                                                                                                                                                                        | ND            | 116      | 60       | 52           | Q    | 70        | 78            |      | 70-130          | 15  |      | 30         |
| 1,2,4,5-Tetramethylbenzene                                                                                                                                                            | ND            | 116      | 38       | 32           | Q    | 63        | 70            |      | 70-130          | 51  | Q    | 30         |
| Ethyl ether                                                                                                                                                                           | ND            | 116      | 110      | 95           |      | 81        | 91            |      | 67-130          | 30  |      | 30         |
| trans-1,4-Dichloro-2-butene                                                                                                                                                           | ND            | 116      | 67       | 58           | Q    | 51        | 57            | Q    | 70-130          | 27  |      | 30         |

| Surrogate             | MS % Recovery | Qualifier | MSD % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|---------------|-----------|----------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 97            |           | 97             |           | 70-130              |
| 4-Bromofluorobenzene  | 90            |           | 90             |           | 70-130              |
| Dibromofluoromethane  | 106           |           | 106            |           | 70-130              |
| Toluene-d8            | 93            |           | 93             |           | 70-130              |

# SEMIVOLATILES

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-01  
 Client ID: WC-A\_COMP\_0-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:15  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/21/23 16:50  
 Analyst: EK  
 Percent Solids: 89%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 04:22

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 150 | 19. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 21. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 20. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 25. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 33. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 49. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 37. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 31. | 1               |
| Fluoranthene                                     | 50     | J         | ug/kg | 110 | 21. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 20. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 220 | 31. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 27. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 520 | 160 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 150 | 30. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 24. | 1               |
| Naphthalene                                      | 91     | J         | ug/kg | 180 | 22. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 160 | 27. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 150 | 21. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 63. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 46. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 35. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 62. | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-01  
 Client ID: WC-A\_COMP\_0-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:15  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 38. | 1               |
| Benzo(a)anthracene                               | 29     | J         | ug/kg | 110 | 21. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 150 | 45. | 1               |
| Benzo(b)fluoranthene                             | 42     | J         | ug/kg | 110 | 31. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 29. | 1               |
| Chrysene                                         | 25     | J         | ug/kg | 110 | 19. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 150 | 28. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 36. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 150 | 22. | 1               |
| Fluorene                                         | 29     | J         | ug/kg | 180 | 18. | 1               |
| Phenanthrene                                     | 91     | J         | ug/kg | 110 | 22. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 21. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 150 | 26. | 1               |
| Pyrene                                           | 50     | J         | ug/kg | 110 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 420 | 24. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 33. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 35. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 34. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 76. | 1               |
| Dibenzofuran                                     | 26     | J         | ug/kg | 180 | 17. | 1               |
| 2-Methylnaphthalene                              | 100    | J         | ug/kg | 220 | 22. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 19. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 23. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 35. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 29. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 60. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 400 | 69. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 260 | 75. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 880 | 85. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 480 | 88. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 150 | 40. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 28. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 28. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 260 | 29. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-01**Date Collected:** 05/16/23 10:15**Client ID:** WC-A\_COMP\_0-4**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 35. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 590 | 180 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 56. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 27  | 8.4 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 65         |           | 25-120              |
| Phenol-d6            | 65         |           | 10-120              |
| Nitrobenzene-d5      | 61         |           | 23-120              |
| 2-Fluorobiphenyl     | 71         |           | 30-120              |
| 2,4,6-Tribromophenol | 81         |           | 10-136              |
| 4-Terphenyl-d14      | 67         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-02  
 Client ID: WC-A\_COMP\_4-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:20  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/21/23 17:14  
 Analyst: EK  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 04:22

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 150 | 19. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 21. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 21. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 170 | 25. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 33. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 49. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 37. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 32. | 1               |
| Fluoranthene                                     | 28     | J         | ug/kg | 110 | 21. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 20. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 220 | 32. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 27. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 530 | 170 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 150 | 30. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 170 | 24. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 180 | 22. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 170 | 27. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 150 | 21. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 64. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 46. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 35. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 63. | 1               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-02  
 Client ID: WC-A\_COMP\_4-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:20  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 39. | 1               |
| Benzo(a)anthracene                               | 21     | J         | ug/kg | 110 | 21. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 150 | 45. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 110 | 31. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 30. | 1               |
| Chrysene                                         | 19     | J         | ug/kg | 110 | 19. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 150 | 28. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 36. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 150 | 22. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 180 | 18. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 110 | 22. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 21. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 150 | 26. | 1               |
| Pyrene                                           | 29     | J         | ug/kg | 110 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 420 | 24. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 34. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 36. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 35. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 76. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 180 | 17. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 220 | 22. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 19. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 23. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 35. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 28. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 170 | 30. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 61. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 400 | 69. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 260 | 75. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 880 | 86. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 480 | 88. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 150 | 41. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 28. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 29. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 260 | 29. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-02**Date Collected:** 05/16/23 10:20**Client ID:** WC-A\_COMP\_4-8**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 35. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 600 | 190 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 56. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 28  | 8.5 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 57         |           | 25-120              |
| Phenol-d6            | 58         |           | 10-120              |
| Nitrobenzene-d5      | 52         |           | 23-120              |
| 2-Fluorobiphenyl     | 63         |           | 30-120              |
| 2,4,6-Tribromophenol | 67         |           | 10-136              |
| 4-Terphenyl-d14      | 60         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-03  
 Client ID: WC-A\_COMP\_8-12  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:25  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/21/23 17:38  
 Analyst: EK  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 04:22

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 19. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 21. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 20. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 24. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 31. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 31. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 48. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 36. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 31. | 1               |
| Fluoranthene                                     | 51     | J         | ug/kg | 110 | 21. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 19. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 220 | 31. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 190 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 26. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 520 | 160 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 29. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 23. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 180 | 22. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 160 | 27. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 20. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 62. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 45. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 34. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 61. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-03  
 Client ID: WC-A\_COMP\_8-12  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:25  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 38. | 1               |
| Benzo(a)anthracene                               | 33     | J         | ug/kg | 110 | 20. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 44. | 1               |
| Benzo(b)fluoranthene                             | 36     | J         | ug/kg | 110 | 30. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 29. | 1               |
| Chrysene                                         | 31     | J         | ug/kg | 110 | 19. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 28. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 35. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 21. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 180 | 18. | 1               |
| Phenanthrene                                     | 34     | J         | ug/kg | 110 | 22. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 21. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 25. | 1               |
| Pyrene                                           | 47     | J         | ug/kg | 110 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 410 | 23. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 33. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 35. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 34. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 75. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 180 | 17. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 220 | 22. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 19. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 34. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 21. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 29. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 60. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 390 | 68. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 250 | 74. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 860 | 84. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 470 | 86. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 40. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 28. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 260 | 28. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-03**Date Collected:** 05/16/23 10:25**Client ID:** WC-A\_COMP\_8-12**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 34. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 580 | 180 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 55. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 27  | 8.3 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 69         |           | 25-120              |
| Phenol-d6            | 73         |           | 10-120              |
| Nitrobenzene-d5      | 68         |           | 23-120              |
| 2-Fluorobiphenyl     | 82         |           | 30-120              |
| 2,4,6-Tribromophenol | 86         |           | 10-136              |
| 4-Terphenyl-d14      | 78         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-04  
 Client ID: WC-A\_COMP\_12-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:30  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/21/23 18:03  
 Analyst: EK  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 04:22

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 150 | 19. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 190 | 22. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 21. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 190 | 19. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 34. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 32. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 33. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 190 | 50. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 38. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 32. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 110 | 22. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 190 | 20. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 190 | 29. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 220 | 32. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 19. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 190 | 28. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 540 | 170 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 150 | 30. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 170 | 24. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 190 | 23. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 170 | 28. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 150 | 21. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 190 | 29. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 190 | 65. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 190 | 47. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 190 | 36. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 190 | 64. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-04  
 Client ID: WC-A\_COMP\_12-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:30  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 190 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 190 | 40. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 110 | 21. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 150 | 46. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 110 | 32. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 30. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 110 | 20. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 150 | 29. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 37. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 150 | 22. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 190 | 18. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 110 | 23. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 22. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 150 | 26. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 110 | 19. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 430 | 24. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 190 | 34. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 190 | 36. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 190 | 35. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 190 | 78. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 190 | 18. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 220 | 23. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 190 | 20. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 190 | 23. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 36. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 190 | 28. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 190 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 170 | 30. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 190 | 62. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 410 | 71. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 260 | 77. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 900 | 88. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 490 | 90. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 150 | 41. | 1               |
| Phenol                                           | ND     |           | ug/kg | 190 | 28. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 190 | 29. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 270 | 29. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-04**Date Collected:** 05/16/23 10:30**Client ID:** WC-A\_COMP\_12-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 190 | 36. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 610 | 190 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 190 | 58. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 190 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 28  | 8.6 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 73         |           | 25-120              |
| Phenol-d6            | 72         |           | 10-120              |
| Nitrobenzene-d5      | 67         |           | 23-120              |
| 2-Fluorobiphenyl     | 78         |           | 30-120              |
| 2,4,6-Tribromophenol | 90         |           | 10-136              |
| 4-Terphenyl-d14      | 78         |           | 18-120              |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-05  
 Client ID: WC-B\_COMP\_0-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:20  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/21/23 18:27  
 Analyst: EK  
 Percent Solids: 84%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 04:22

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 150 | 20. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 190 | 22. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 120 | 22. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 190 | 19. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 35. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 33. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 34. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 190 | 51. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 39. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 33. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 120 | 22. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 190 | 21. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 190 | 29. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 230 | 33. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 210 | 19. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 190 | 28. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 550 | 180 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 150 | 31. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 170 | 25. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 190 | 24. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 170 | 29. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 150 | 22. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 190 | 30. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 190 | 67. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 190 | 49. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 190 | 37. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 190 | 66. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-05  
 Client ID: WC-B\_COMP\_0-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:20  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 190 | 18. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 190 | 40. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 120 | 22. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 150 | 47. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 120 | 32. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 120 | 31. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 120 | 20. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 150 | 30. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 120 | 38. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 150 | 23. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 190 | 19. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 120 | 24. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 120 | 22. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 150 | 27. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 120 | 19. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 440 | 25. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 190 | 35. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 190 | 37. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 190 | 36. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 190 | 80. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 190 | 18. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 230 | 23. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 190 | 20. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 190 | 24. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 120 | 37. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 190 | 29. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 190 | 23. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 170 | 31. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 190 | 64. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 420 | 73. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 270 | 79. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 930 | 90. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 500 | 93. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 150 | 42. | 1               |
| Phenol                                           | ND     |           | ug/kg | 190 | 29. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 190 | 30. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 280 | 30. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-05**Date Collected:** 05/16/23 14:20**Client ID:** WC-B\_COMP\_0-4**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 190 | 37. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 630 | 200 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 190 | 59. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 190 | 19. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 29  | 8.9 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 73         |           | 25-120              |
| Phenol-d6            | 72         |           | 10-120              |
| Nitrobenzene-d5      | 66         |           | 23-120              |
| 2-Fluorobiphenyl     | 80         |           | 30-120              |
| 2,4,6-Tribromophenol | 90         |           | 10-136              |
| 4-Terphenyl-d14      | 80         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-06  
 Client ID: WC-B\_COMP\_4-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:25  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/21/23 18:52  
 Analyst: EK  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 04:22

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | 31     | J         | ug/kg | 150 | 19. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 21. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 20. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 25. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 33. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 31. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 48. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 36. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 31. | 1               |
| Fluoranthene                                     | 30     | J         | ug/kg | 110 | 21. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 20. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 220 | 31. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 27. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 520 | 160 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 150 | 30. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 24. | 1               |
| Naphthalene                                      | 25     | J         | ug/kg | 180 | 22. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 160 | 27. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 150 | 21. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 63. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 46. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 35. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 62. | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-06  
 Client ID: WC-B\_COMP\_4-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:25  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 38. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 110 | 20. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 150 | 44. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 110 | 31. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 29. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 110 | 19. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 150 | 28. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 36. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 150 | 21. | 1               |
| Fluorene                                         | 34     | J         | ug/kg | 180 | 18. | 1               |
| Phenanthrene                                     | 120    |           | ug/kg | 110 | 22. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 21. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 150 | 25. | 1               |
| Pyrene                                           | 22     | J         | ug/kg | 110 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 420 | 24. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 33. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 35. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 34. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 76. | 1               |
| Dibenzofuran                                     | 46     | J         | ug/kg | 180 | 17. | 1               |
| 2-Methylnaphthalene                              | 41     | J         | ug/kg | 220 | 22. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 19. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 23. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 35. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 29. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 60. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 390 | 69. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 260 | 74. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 880 | 85. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 470 | 88. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 150 | 40. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 28. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 28. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 260 | 28. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-06**Date Collected:** 05/16/23 14:25**Client ID:** WC-B\_COMP\_4-8**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 35. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 590 | 180 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 56. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 27  | 8.4 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 61         |           | 25-120              |
| Phenol-d6            | 60         |           | 10-120              |
| Nitrobenzene-d5      | 52         |           | 23-120              |
| 2-Fluorobiphenyl     | 64         |           | 30-120              |
| 2,4,6-Tribromophenol | 77         |           | 10-136              |
| 4-Terphenyl-d14      | 64         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-07  
 Client ID: WC-B\_COMP\_8-12  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:30  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/21/23 19:16  
 Analyst: EK  
 Percent Solids: 87%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 04:22

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 150 | 20. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 190 | 22. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 21. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 190 | 19. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 34. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 32. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 33. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 190 | 50. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 38. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 32. | 1               |
| Fluoranthene                                     | 72     | J         | ug/kg | 110 | 22. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 190 | 20. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 190 | 29. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 230 | 32. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 19. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 190 | 28. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 540 | 170 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 150 | 30. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 170 | 24. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 190 | 23. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 170 | 28. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 150 | 21. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 190 | 29. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 190 | 65. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 190 | 48. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 190 | 36. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 190 | 64. | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-07  
 Client ID: WC-B\_COMP\_8-12  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:30  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 190 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 190 | 40. | 1               |
| Benzo(a)anthracene                               | 38     | J         | ug/kg | 110 | 21. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 150 | 46. | 1               |
| Benzo(b)fluoranthene                             | 44     | J         | ug/kg | 110 | 32. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 30. | 1               |
| Chrysene                                         | 34     | J         | ug/kg | 110 | 20. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 150 | 29. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 37. | 1               |
| Benzo(ghi)perylene                               | 22     | J         | ug/kg | 150 | 22. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 190 | 18. | 1               |
| Phenanthrene                                     | 41     | J         | ug/kg | 110 | 23. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 22. | 1               |
| Indeno(1,2,3-cd)pyrene                           | 26     | J         | ug/kg | 150 | 26. | 1               |
| Pyrene                                           | 60     | J         | ug/kg | 110 | 19. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 430 | 24. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 190 | 34. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 190 | 36. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 190 | 36. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 190 | 78. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 190 | 18. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 230 | 23. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 190 | 20. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 190 | 23. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 36. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 190 | 28. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 190 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 170 | 30. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 190 | 62. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 410 | 71. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 260 | 77. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 900 | 88. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 490 | 90. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 150 | 41. | 1               |
| Phenol                                           | ND     |           | ug/kg | 190 | 28. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 190 | 29. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 270 | 30. | 1               |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-07  
**Client ID:** WC-B\_COMP\_8-12  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 14:30  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 190 | 36. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 610 | 190 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 190 | 58. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 190 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 28  | 8.7 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 56         |           | 25-120              |
| Phenol-d6            | 57         |           | 10-120              |
| Nitrobenzene-d5      | 52         |           | 23-120              |
| 2-Fluorobiphenyl     | 64         |           | 30-120              |
| 2,4,6-Tribromophenol | 70         |           | 10-136              |
| 4-Terphenyl-d14      | 66         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-08  
 Client ID: WC-B\_COMP\_12-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:35  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/21/23 19:40  
 Analyst: EK  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 05/19/23 04:22

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 150 | 20. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 190 | 22. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 21. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 190 | 19. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 34. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 32. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 33. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 190 | 50. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 38. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 32. | 1               |
| Fluoranthene                                     | 380    |           | ug/kg | 110 | 22. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 190 | 20. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 190 | 29. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 230 | 32. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 19. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 190 | 28. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 540 | 170 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 150 | 30. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 170 | 24. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 190 | 23. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 170 | 28. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 150 | 21. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 190 | 29. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 190 | 65. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 190 | 47. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 190 | 36. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 190 | 64. | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-08  
 Client ID: WC-B\_COMP\_12-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:35  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 190 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 190 | 40. | 1               |
| Benzo(a)anthracene                               | 190    |           | ug/kg | 110 | 21. | 1               |
| Benzo(a)pyrene                                   | 190    |           | ug/kg | 150 | 46. | 1               |
| Benzo(b)fluoranthene                             | 260    |           | ug/kg | 110 | 32. | 1               |
| Benzo(k)fluoranthene                             | 78     | J         | ug/kg | 110 | 30. | 1               |
| Chrysene                                         | 200    |           | ug/kg | 110 | 20. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 150 | 29. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 37. | 1               |
| Benzo(ghi)perylene                               | 130    | J         | ug/kg | 150 | 22. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 190 | 18. | 1               |
| Phenanthrene                                     | 180    |           | ug/kg | 110 | 23. | 1               |
| Dibenzo(a,h)anthracene                           | 30     | J         | ug/kg | 110 | 22. | 1               |
| Indeno(1,2,3-cd)pyrene                           | 150    |           | ug/kg | 150 | 26. | 1               |
| Pyrene                                           | 360    |           | ug/kg | 110 | 19. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 430 | 24. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 190 | 34. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 190 | 36. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 190 | 36. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 190 | 78. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 190 | 18. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 230 | 23. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 190 | 20. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 190 | 23. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 36. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 190 | 28. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 190 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 170 | 30. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 190 | 62. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 410 | 71. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 260 | 77. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 900 | 88. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 490 | 90. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 150 | 41. | 1               |
| Phenol                                           | ND     |           | ug/kg | 190 | 28. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 190 | 29. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 270 | 30. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-08**Date Collected:** 05/16/23 14:35**Client ID:** WC-B\_COMP\_12-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 190 | 36. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 610 | 190 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 190 | 58. | 1               |
| Carbazole                                        | 24     | J         | ug/kg | 190 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 28  | 8.7 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 54         |           | 25-120              |
| Phenol-d6            | 79         |           | 10-120              |
| Nitrobenzene-d5      | 77         |           | 23-120              |
| 2-Fluorobiphenyl     | 90         |           | 30-120              |
| 2,4,6-Tribromophenol | 51         |           | 10-136              |
| 4-Terphenyl-d14      | 93         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-18  
 Client ID: SRI-01\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 08:50  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 15:58  
 Analyst: ALS  
 Percent Solids: 97%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 05:54

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 18. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 170 | 19. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 100 | 19. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 150 | 23. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 170 | 17. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 29. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 170 | 45. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 34. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 29. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 100 | 20. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 170 | 18. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 200 | 29. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 180 | 17. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 170 | 25. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 490 | 150 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 28. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 150 | 22. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 170 | 21. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 150 | 25. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 19. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 170 | 59. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 170 | 43. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 170 | 32. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 170 | 58. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-18**Date Collected:** 05/16/23 08:50**Client ID:** SRI-01\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 170 | 16. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 170 | 36. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 100 | 19. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 41. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 100 | 29. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 100 | 27. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 100 | 18. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 26. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 100 | 33. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 20. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 170 | 16. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 100 | 21. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 100 | 20. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 24. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 100 | 17. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 390 | 22. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 170 | 31. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 170 | 33. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 170 | 32. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 170 | 70. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 170 | 16. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 200 | 20. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 170 | 18. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 170 | 21. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 100 | 32. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 170 | 25. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 170 | 20. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 150 | 27. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 170 | 56. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 370 | 64. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 240 | 69. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 820 | 79. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 440 | 82. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 37. | 1               |
| Phenol                                           | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 170 | 26. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 240 | 27. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-18**Date Collected:** 05/16/23 08:50**Client ID:** SRI-01\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 170 | 32. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 550 | 170 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 170 | 52. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 170 | 16. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 26  | 7.8 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 82         |           | 25-120              |
| Phenol-d6            | 85         |           | 10-120              |
| Nitrobenzene-d5      | 83         |           | 23-120              |
| 2-Fluorobiphenyl     | 82         |           | 30-120              |
| 2,4,6-Tribromophenol | 83         |           | 10-136              |
| 4-Terphenyl-d14      | 80         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-18  
 Client ID: SRI-01\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 08:50  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 13:09  
 Analyst: AC  
 Percent Solids: 97%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:21  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.791 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.395 | 0.055 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.198 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.198 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.198 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.198 | 0.059 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | ND     |           | ng/g  | 0.198 | 0.051 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.791 | 0.277 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.198 | 0.036 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.198 | 0.078 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.198 | 0.078 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.198 | 0.074 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.791 | 0.383 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.198 | 0.099 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.198 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.198 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.198 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.198 | 0.081 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.198 | 0.040 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.198 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.198 | 0.105 | 1               |
| PFOA/PFOS, Total                                          | ND     |           | ng/g  | 0.198 | 0.051 | 1               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-18**Date Collected:** 05/16/23 08:50**Client ID:** SRI-01\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 95         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 94         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 93         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 86         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 110        |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 92         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 98         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 98         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 84         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 90         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 82         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 97         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 91         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 89         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 82         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 116        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 76         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 50         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-19  
 Client ID: SRI-01\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 08:55  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 17:08  
 Analyst: JG  
 Percent Solids: 96%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 05:54

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 18. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 170 | 19. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 100 | 19. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 150 | 23. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 170 | 17. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 29. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 170 | 45. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 34. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 29. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 100 | 20. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 170 | 18. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 200 | 29. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 180 | 17. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 170 | 25. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 490 | 150 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 28. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 150 | 22. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 170 | 21. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 150 | 25. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 19. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 170 | 59. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 170 | 43. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 170 | 32. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 170 | 58. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-19**Date Collected:** 05/16/23 08:55**Client ID:** SRI-01\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 170 | 16. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 170 | 36. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 100 | 19. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 42. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 100 | 29. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 100 | 27. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 100 | 18. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 26. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 100 | 33. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 20. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 170 | 16. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 100 | 21. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 100 | 20. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 24. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 100 | 17. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 390 | 22. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 170 | 31. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 170 | 33. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 170 | 32. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 170 | 70. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 170 | 16. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 200 | 20. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 170 | 18. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 170 | 21. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 100 | 32. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 170 | 25. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 170 | 20. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 150 | 27. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 170 | 56. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 370 | 64. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 240 | 69. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 820 | 79. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 440 | 82. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 37. | 1               |
| Phenol                                           | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 170 | 26. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 240 | 27. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-19**Date Collected:** 05/16/23 08:55**Client ID:** SRI-01\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 170 | 33. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 550 | 170 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 170 | 52. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 170 | 16. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 26  | 7.8 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 72         |           | 25-120              |
| Phenol-d6            | 75         |           | 10-120              |
| Nitrobenzene-d5      | 71         |           | 23-120              |
| 2-Fluorobiphenyl     | 72         |           | 30-120              |
| 2,4,6-Tribromophenol | 76         |           | 10-136              |
| 4-Terphenyl-d14      | 69         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-19  
 Client ID: SRI-01\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 08:55  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 14:39  
 Analyst: AC  
 Percent Solids: 96%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:21  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.795 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.398 | 0.056 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.199 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.199 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.199 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.199 | 0.059 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.056  | J         | ng/g  | 0.199 | 0.052 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.795 | 0.278 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.199 | 0.037 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.199 | 0.078 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.199 | 0.079 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.199 | 0.075 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.795 | 0.385 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.199 | 0.099 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.199 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.199 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.199 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.199 | 0.082 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.199 | 0.041 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.199 | 0.053 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.199 | 0.106 | 1               |
| PFOA/PFOS, Total                                          | 0.056  | J         | ng/g  | 0.199 | 0.052 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-19**Date Collected:** 05/16/23 08:55**Client ID:** SRI-01\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 85         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 88         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 73         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 87         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 100        |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 91         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 93         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 94         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 86         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 86         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 82         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 88         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 75         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 78         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 73         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 98         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 74         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 50         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-21  
 Client ID: SRI-02\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 09:45  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 17:32  
 Analyst: JG  
 Percent Solids: 80%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 07:42

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 170 | 21. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 210 | 24. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 120 | 23. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 190 | 28. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 210 | 20. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 210 | 37. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 210 | 36. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 210 | 36. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 210 | 55. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 210 | 42. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 210 | 36. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 120 | 24. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 210 | 22. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 210 | 32. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 250 | 35. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 220 | 21. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 210 | 30. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 590 | 190 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 170 | 34. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 190 | 27. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 210 | 25. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 190 | 31. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 170 | 24. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 210 | 32. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 210 | 72. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 210 | 52. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 210 | 39. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 210 | 70. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-21**Date Collected:** 05/16/23 09:45**Client ID:** SRI-02\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL   | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|------|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |      |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 210  | 19. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 210  | 44. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 120  | 23. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 170  | 51. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 120  | 35. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 120  | 33. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 120  | 22. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 170  | 32. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 120  | 40. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 170  | 24. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 210  | 20. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 120  | 25. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 120  | 24. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 170  | 29. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 120  | 21. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 470  | 27. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 210  | 38. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 210  | 40. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 210  | 39. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 210  | 86. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 210  | 20. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 250  | 25. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 210  | 22. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 210  | 26. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 120  | 39. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 210  | 31. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 210  | 24. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 190  | 33. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 210  | 68. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 450  | 78. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 290  | 85. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 1000 | 97. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 540  | 100 | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 170  | 46. | 1               |
| Phenol                                           | ND     |           | ug/kg | 210  | 31. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 210  | 32. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 300  | 32. | 1               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-21**Date Collected:** 05/16/23 09:45**Client ID:** SRI-02\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 210 | 40. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 670 | 210 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 210 | 63. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 210 | 20. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 31  | 9.5 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 67         |           | 25-120              |
| Phenol-d6            | 70         |           | 10-120              |
| Nitrobenzene-d5      | 68         |           | 23-120              |
| 2-Fluorobiphenyl     | 65         |           | 30-120              |
| 2,4,6-Tribromophenol | 67         |           | 10-136              |
| 4-Terphenyl-d14      | 63         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-21  
 Client ID: SRI-02\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 09:45  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 14:52  
 Analyst: AC  
 Percent Solids: 80%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:21  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.795 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.398 | 0.056 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.199 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.199 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.199 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.199 | 0.059 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.095  | J         | ng/g  | 0.199 | 0.052 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.795 | 0.278 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.199 | 0.037 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.199 | 0.078 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.199 | 0.079 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.199 | 0.075 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.795 | 0.385 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.199 | 0.099 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.199 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.199 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.199 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.199 | 0.082 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.199 | 0.041 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.199 | 0.053 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.199 | 0.106 | 1               |
| PFOA/PFOS, Total                                          | 0.095  | J         | ng/g  | 0.199 | 0.052 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-21**Date Collected:** 05/16/23 09:45**Client ID:** SRI-02\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 78         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 87         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 80         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 76         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 94         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 80         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 91         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 86         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 78         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 81         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 76         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 80         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 79         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 85         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 68         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 101        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 68         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 44         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-22  
 Client ID: SRI-02\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 09:50  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 13:51  
 Analyst: IM  
 Percent Solids: 80%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 05:54

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 160 | 21. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 200 | 23. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 120 | 23. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 180 | 28. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 200 | 20. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 200 | 37. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 200 | 35. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 200 | 36. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 200 | 54. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 200 | 41. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 200 | 35. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 120 | 23. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 200 | 22. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 200 | 31. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 240 | 35. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 220 | 20. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 200 | 30. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 580 | 180 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 160 | 33. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 180 | 26. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 200 | 25. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 180 | 30. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 160 | 23. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 200 | 32. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 200 | 71. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 200 | 51. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 200 | 39. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 200 | 69. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-22**Date Collected:** 05/16/23 09:50**Client ID:** SRI-02\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 200 | 19. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 200 | 43. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 120 | 23. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 160 | 50. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 120 | 34. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 120 | 33. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 120 | 21. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 160 | 32. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 120 | 40. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 160 | 24. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 200 | 20. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 120 | 25. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 120 | 24. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 160 | 28. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 120 | 20. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 460 | 26. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 200 | 37. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 200 | 39. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 200 | 38. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 200 | 84. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 200 | 19. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 240 | 25. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 200 | 21. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 200 | 25. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 120 | 39. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 200 | 30. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 200 | 24. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 180 | 33. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 200 | 67. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 440 | 77. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 280 | 83. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 980 | 95. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 530 | 98. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 160 | 45. | 1               |
| Phenol                                           | ND     |           | ug/kg | 200 | 31. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 200 | 32. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 290 | 32. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-22**Date Collected:** 05/16/23 09:50**Client ID:** SRI-02\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 200 | 39. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 660 | 210 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 200 | 62. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 200 | 20. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 31  | 9.4 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 50         |           | 25-120              |
| Phenol-d6            | 52         |           | 10-120              |
| Nitrobenzene-d5      | 29         |           | 23-120              |
| 2-Fluorobiphenyl     | 55         |           | 30-120              |
| 2,4,6-Tribromophenol | 56         |           | 10-136              |
| 4-Terphenyl-d14      | 51         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-22  
 Client ID: SRI-02\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 09:50  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 15:04  
 Analyst: AC  
 Percent Solids: 80%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:21  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.776 | 0.049 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.388 | 0.054 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.194 | 0.042 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.194 | 0.045 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.194 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.194 | 0.057 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.062  | J         | ng/g  | 0.194 | 0.050 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.776 | 0.272 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.194 | 0.036 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.194 | 0.076 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.194 | 0.077 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.194 | 0.073 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.776 | 0.376 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.194 | 0.097 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.194 | 0.050 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.194 | 0.031 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.194 | 0.042 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.194 | 0.080 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.194 | 0.040 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.194 | 0.051 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.194 | 0.103 | 1               |
| PFOA/PFOS, Total                                          | 0.062  | J         | ng/g  | 0.194 | 0.050 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-22**Date Collected:** 05/16/23 09:50**Client ID:** SRI-02\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 86         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 87         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 85         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 82         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 98         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 88         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 92         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 94         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 93         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 85         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 89         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 88         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 91         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 93         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 76         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 109        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 77         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 49         |           | 20-150              |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-24  
 Client ID: SRI-06\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:50  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 14:15  
 Analyst: IM  
 Percent Solids: 98%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 05:54

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 18. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 170 | 19. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 100 | 19. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 150 | 23. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 170 | 17. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 29. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 170 | 45. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 34. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 29. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 100 | 19. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 170 | 18. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 200 | 29. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 180 | 17. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 170 | 25. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 480 | 150 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 27. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 150 | 22. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 170 | 21. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 150 | 25. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 19. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 170 | 59. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 170 | 43. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 170 | 32. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 170 | 58. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-24**Date Collected:** 05/16/23 10:50**Client ID:** SRI-06\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 170 | 16. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 170 | 36. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 100 | 19. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 41. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 100 | 28. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 100 | 27. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 100 | 18. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 26. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 100 | 33. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 20. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 170 | 16. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 100 | 21. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 100 | 20. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 24. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 100 | 17. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 390 | 22. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 170 | 31. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 170 | 33. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 170 | 32. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 170 | 70. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 170 | 16. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 200 | 20. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 170 | 18. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 170 | 21. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 100 | 32. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 170 | 25. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 170 | 20. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 150 | 27. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 170 | 56. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 370 | 64. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 240 | 69. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 820 | 79. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 440 | 82. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 37. | 1               |
| Phenol                                           | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 170 | 26. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 240 | 26. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-24**Date Collected:** 05/16/23 10:50**Client ID:** SRI-06\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 170 | 32. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 550 | 170 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 170 | 52. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 170 | 16. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 25  | 7.8 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 67         |           | 25-120              |
| Phenol-d6            | 65         |           | 10-120              |
| Nitrobenzene-d5      | 56         |           | 23-120              |
| 2-Fluorobiphenyl     | 64         |           | 30-120              |
| 2,4,6-Tribromophenol | 80         |           | 10-136              |
| 4-Terphenyl-d14      | 66         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-24  
 Client ID: SRI-06\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:50  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 15:17  
 Analyst: AC  
 Percent Solids: 98%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:21  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.788 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.394 | 0.055 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.197 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.197 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.197 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.197 | 0.058 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.087  | J         | ng/g  | 0.197 | 0.051 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.788 | 0.276 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.197 | 0.036 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.197 | 0.077 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.197 | 0.078 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.197 | 0.074 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.788 | 0.381 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.197 | 0.099 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.197 | 0.050 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.197 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.197 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.197 | 0.081 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.197 | 0.040 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.197 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.197 | 0.105 | 1               |
| PFOA/PFOS, Total                                          | 0.087  | J         | ng/g  | 0.197 | 0.051 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-24**Date Collected:** 05/16/23 10:50**Client ID:** SRI-06\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 89         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 92         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 86         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 88         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 101        |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 90         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 93         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 98         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 84         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 85         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 87         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 90         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 82         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 88         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 79         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 104        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 73         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 48         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-25  
 Client ID: SRI-06\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:55  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 14:39  
 Analyst: IM  
 Percent Solids: 96%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 05:54

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 18. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 170 | 19. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 100 | 19. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 150 | 23. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 170 | 17. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 29. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 170 | 45. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 34. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 29. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 100 | 19. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 170 | 18. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 200 | 29. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 180 | 17. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 170 | 25. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 480 | 150 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 27. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 150 | 22. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 170 | 21. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 150 | 25. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 19. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 170 | 58. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 170 | 43. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 170 | 32. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 170 | 58. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-25  
 Client ID: SRI-06\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:55  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 170 | 16. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 170 | 36. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 100 | 19. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 41. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 100 | 28. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 100 | 27. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 100 | 18. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 26. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 100 | 33. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 20. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 170 | 16. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 100 | 20. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 100 | 20. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 24. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 100 | 17. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 380 | 22. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 170 | 31. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 170 | 33. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 170 | 32. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 170 | 70. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 170 | 16. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 200 | 20. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 170 | 18. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 170 | 21. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 100 | 32. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 170 | 25. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 170 | 20. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 150 | 27. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 170 | 56. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 360 | 64. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 240 | 69. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 810 | 79. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 440 | 81. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 37. | 1               |
| Phenol                                           | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 170 | 26. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 240 | 26. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-25**Date Collected:** 05/16/23 10:55**Client ID:** SRI-06\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 170 | 32. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 550 | 170 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 170 | 52. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 170 | 16. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 25  | 7.8 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 62         |           | 25-120              |
| Phenol-d6            | 66         |           | 10-120              |
| Nitrobenzene-d5      | 55         |           | 23-120              |
| 2-Fluorobiphenyl     | 67         |           | 30-120              |
| 2,4,6-Tribromophenol | 61         |           | 10-136              |
| 4-Terphenyl-d14      | 66         |           | 18-120              |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-25  
 Client ID: SRI-06\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:55  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 15:30  
 Analyst: AC  
 Percent Solids: 96%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:21  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.799 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.399 | 0.056 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.200 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.200 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.200 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.200 | 0.059 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.056  | J         | ng/g  | 0.200 | 0.052 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.799 | 0.280 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.200 | 0.037 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.200 | 0.078 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.200 | 0.079 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.200 | 0.075 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.799 | 0.387 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.200 | 0.100 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.200 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.200 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.200 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.200 | 0.082 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.200 | 0.041 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.200 | 0.053 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.200 | 0.106 | 1               |
| PFOA/PFOS, Total                                          | 0.056  | J         | ng/g  | 0.200 | 0.052 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-25**Date Collected:** 05/16/23 10:55**Client ID:** SRI-06\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 82         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 83         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 79         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 79         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 96         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 90         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 86         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 86         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 82         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 78         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 84         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 76         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 78         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 93         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 73         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 102        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 72         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 49         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-27  
 Client ID: SRI-05\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:35  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 15:43  
 Analyst: AC  
 Percent Solids: 89%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:21  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.789 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.395 | 0.055 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.197 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.197 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.197 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.197 | 0.058 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | ND     |           | ng/g  | 0.197 | 0.051 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.789 | 0.276 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.197 | 0.036 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.197 | 0.077 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.197 | 0.078 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.197 | 0.074 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.789 | 0.382 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.197 | 0.099 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.197 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.197 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.197 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.197 | 0.081 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.197 | 0.040 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.197 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.197 | 0.105 | 1               |
| PFOA/PFOS, Total                                          | ND     |           | ng/g  | 0.197 | 0.051 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-27**Date Collected:** 05/16/23 12:35**Client ID:** SRI-05\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 81         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 88         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 78         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 84         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 96         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 82         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 88         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 84         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 85         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 81         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 72         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 80         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 89         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 81         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 76         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 107        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 65         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 46         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-27 D  
 Client ID: SRI-05\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:35  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 17:17  
 Analyst: JG  
 Percent Solids: 89%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 07:42

| Parameter                                        | Result | Qualifier | Units | RL   | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|------|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |      |     |                 |
| Acenaphthene                                     | 140    | J         | ug/kg | 740  | 95. | 5               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 920  | 100 | 5               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 550  | 100 | 5               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 830  | 120 | 5               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 920  | 91. | 5               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 920  | 160 | 5               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 920  | 160 | 5               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 920  | 160 | 5               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 920  | 240 | 5               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 920  | 180 | 5               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 920  | 160 | 5               |
| Fluoranthene                                     | 1700   |           | ug/kg | 550  | 100 | 5               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 920  | 98. | 5               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 920  | 140 | 5               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 1100 | 160 | 5               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 990  | 92. | 5               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 920  | 130 | 5               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 2600 | 830 | 5               |
| Hexachloroethane                                 | ND     |           | ug/kg | 740  | 150 | 5               |
| Isophorone                                       | ND     |           | ug/kg | 830  | 120 | 5               |
| Naphthalene                                      | 210    | J         | ug/kg | 920  | 110 | 5               |
| Nitrobenzene                                     | ND     |           | ug/kg | 830  | 140 | 5               |
| NDPA/DPA                                         | ND     |           | ug/kg | 740  | 100 | 5               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 920  | 140 | 5               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 920  | 320 | 5               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 920  | 230 | 5               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 920  | 170 | 5               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 920  | 310 | 5               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-27 D  
 Client ID: SRI-05\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:35  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL   | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|------|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |      |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 920  | 85. | 5               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 920  | 190 | 5               |
| Benzo(a)anthracene                               | 600    |           | ug/kg | 550  | 100 | 5               |
| Benzo(a)pyrene                                   | 630    | J         | ug/kg | 740  | 220 | 5               |
| Benzo(b)fluoranthene                             | 750    |           | ug/kg | 550  | 150 | 5               |
| Benzo(k)fluoranthene                             | 250    | J         | ug/kg | 550  | 150 | 5               |
| Chrysene                                         | 620    |           | ug/kg | 550  | 96. | 5               |
| Acenaphthylene                                   | ND     |           | ug/kg | 740  | 140 | 5               |
| Anthracene                                       | 200    | J         | ug/kg | 550  | 180 | 5               |
| Benzo(ghi)perylene                               | 400    | J         | ug/kg | 740  | 110 | 5               |
| Fluorene                                         | 130    | J         | ug/kg | 920  | 89. | 5               |
| Phenanthrene                                     | 1500   |           | ug/kg | 550  | 110 | 5               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 550  | 110 | 5               |
| Indeno(1,2,3-cd)pyrene                           | 450    | J         | ug/kg | 740  | 130 | 5               |
| Pyrene                                           | 1400   |           | ug/kg | 550  | 91. | 5               |
| Biphenyl                                         | ND     |           | ug/kg | 2100 | 120 | 5               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 920  | 170 | 5               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 920  | 180 | 5               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 920  | 170 | 5               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 920  | 380 | 5               |
| Dibenzofuran                                     | 130    | J         | ug/kg | 920  | 87. | 5               |
| 2-Methylnaphthalene                              | 380    | J         | ug/kg | 1100 | 110 | 5               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 920  | 96. | 5               |
| Acetophenone                                     | ND     |           | ug/kg | 920  | 110 | 5               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 550  | 170 | 5               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 920  | 140 | 5               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 920  | 110 | 5               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 830  | 150 | 5               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 920  | 300 | 5               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 2000 | 340 | 5               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 1300 | 380 | 5               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 4400 | 430 | 5               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 2400 | 440 | 5               |
| Pentachlorophenol                                | ND     |           | ug/kg | 740  | 200 | 5               |
| Phenol                                           | ND     |           | ug/kg | 920  | 140 | 5               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 920  | 140 | 5               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 1300 | 140 | 5               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-27 D

Date Collected: 05/16/23 12:35

Client ID: SRI-05\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL   | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|------|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |      |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 920  | 180 | 5               |
| Benzoic Acid                                     | ND     |           | ug/kg | 3000 | 930 | 5               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 920  | 280 | 5               |
| Carbazole                                        | 160    | J         | ug/kg | 920  | 89. | 5               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 140  | 42. | 5               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 15         | Q         | 25-120              |
| Phenol-d6            | 42         |           | 10-120              |
| Nitrobenzene-d5      | 50         |           | 23-120              |
| 2-Fluorobiphenyl     | 58         |           | 30-120              |
| 2,4,6-Tribromophenol | 10         |           | 10-136              |
| 4-Terphenyl-d14      | 49         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-28  
 Client ID: SRI-05\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:40  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 15:03  
 Analyst: ALS  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 05:55

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 150 | 19. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 21. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 21. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 170 | 25. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 33. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 49. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 37. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 32. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 110 | 21. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 20. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 220 | 32. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 27. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 530 | 170 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 150 | 30. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 170 | 24. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 180 | 22. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 170 | 27. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 150 | 21. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 64. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 46. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 35. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 63. | 1               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-28**Date Collected:** 05/16/23 12:40**Client ID:** SRI-05\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 39. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 110 | 21. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 150 | 45. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 110 | 31. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 30. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 110 | 19. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 150 | 28. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 36. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 150 | 22. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 180 | 18. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 110 | 22. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 21. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 150 | 26. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 110 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 420 | 24. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 34. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 36. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 35. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 76. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 180 | 17. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 220 | 22. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 19. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 23. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 35. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 170 | 30. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 61. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 400 | 69. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 260 | 75. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 880 | 86. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 480 | 88. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 150 | 40. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 28. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 29. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 260 | 29. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-28**Date Collected:** 05/16/23 12:40**Client ID:** SRI-05\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 35. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 600 | 190 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 56. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 28  | 8.5 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 69         |           | 25-120              |
| Phenol-d6            | 67         |           | 10-120              |
| Nitrobenzene-d5      | 62         |           | 23-120              |
| 2-Fluorobiphenyl     | 69         |           | 30-120              |
| 2,4,6-Tribromophenol | 92         |           | 10-136              |
| 4-Terphenyl-d14      | 65         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-28  
 Client ID: SRI-05\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:40  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 15:55  
 Analyst: AC  
 Percent Solids: 90%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:21  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.790 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.395 | 0.055 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.198 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.198 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.198 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.198 | 0.059 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.055  | J         | ng/g  | 0.198 | 0.051 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.790 | 0.277 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.198 | 0.036 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.198 | 0.077 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | 0.190  | J         | ng/g  | 0.198 | 0.078 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.198 | 0.074 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.790 | 0.382 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.198 | 0.099 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.198 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.198 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.198 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.198 | 0.081 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.198 | 0.040 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.198 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.198 | 0.105 | 1               |
| PFOA/PFOS, Total                                          | 0.245  | J         | ng/g  | 0.198 | 0.051 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-28**Date Collected:** 05/16/23 12:40**Client ID:** SRI-05\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 79         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 69         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 71         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 68         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 78         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 78         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 82         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 86         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 82         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 80         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 83         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 85         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 86         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 91         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 74         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 105        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 82         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 54         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-30  
 Client ID: SRI-07\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 15:30  
 Analyst: ALS  
 Percent Solids: 87%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 05:54

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 150 | 20. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 190 | 22. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 21. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 190 | 19. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 34. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 33. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 33. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 190 | 50. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 38. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 32. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 110 | 22. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 190 | 20. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 190 | 29. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 230 | 32. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 19. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 190 | 28. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 540 | 170 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 150 | 31. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 170 | 25. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 190 | 23. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 170 | 28. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 150 | 22. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 190 | 29. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 190 | 66. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 190 | 48. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 190 | 36. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 190 | 64. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-30  
 Client ID: SRI-07\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 190 | 18. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 190 | 40. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 110 | 21. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 150 | 46. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 110 | 32. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 30. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 110 | 20. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 150 | 29. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 37. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 150 | 22. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 190 | 18. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 110 | 23. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 22. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 150 | 26. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 110 | 19. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 430 | 25. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 190 | 34. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 190 | 36. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 190 | 36. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 190 | 78. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 190 | 18. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 230 | 23. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 190 | 20. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 190 | 23. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 36. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 190 | 28. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 190 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 170 | 30. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 190 | 62. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 410 | 71. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 260 | 77. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 910 | 88. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 490 | 91. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 150 | 42. | 1               |
| Phenol                                           | ND     |           | ug/kg | 190 | 29. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 190 | 29. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 270 | 30. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-30**Date Collected:** 05/16/23 12:00**Client ID:** SRI-07\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 190 | 36. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 610 | 190 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 190 | 58. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 190 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 28  | 8.7 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 54         |           | 25-120              |
| Phenol-d6            | 56         |           | 10-120              |
| Nitrobenzene-d5      | 42         |           | 23-120              |
| 2-Fluorobiphenyl     | 54         |           | 30-120              |
| 2,4,6-Tribromophenol | 36         |           | 10-136              |
| 4-Terphenyl-d14      | 48         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-30  
 Client ID: SRI-07\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 16:08  
 Analyst: AC  
 Percent Solids: 87%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:22  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.799 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.400 | 0.056 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.200 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.200 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.200 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.200 | 0.059 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | ND     |           | ng/g  | 0.200 | 0.052 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.799 | 0.280 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.200 | 0.037 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.200 | 0.078 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.200 | 0.079 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.200 | 0.075 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.799 | 0.387 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.200 | 0.100 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.200 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.200 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.200 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.200 | 0.082 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.200 | 0.041 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.200 | 0.053 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.200 | 0.106 | 1               |
| PFOA/PFOS, Total                                          | ND     |           | ng/g  | 0.200 | 0.052 | 1               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-30**Date Collected:** 05/16/23 12:00**Client ID:** SRI-07\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 81         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 72         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 82         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 74         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 77         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 83         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 88         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 88         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 82         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 79         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 78         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 85         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 81         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 93         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 78         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 117        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 74         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 54         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-31  
 Client ID: SRI-07\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:05  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 15:54  
 Analyst: ALS  
 Percent Solids: 97%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 05:54

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 130 | 17. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 170 | 19. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 100 | 19. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 150 | 23. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 170 | 17. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 29. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 29. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 170 | 45. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 34. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 29. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 100 | 19. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 170 | 18. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 200 | 29. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 180 | 17. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 170 | 25. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 480 | 150 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 130 | 27. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 150 | 22. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 170 | 20. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 150 | 25. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 130 | 19. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 170 | 58. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 170 | 42. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 170 | 32. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 170 | 57. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-31**Date Collected:** 05/16/23 12:05**Client ID:** SRI-07\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 170 | 16. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 170 | 35. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 100 | 19. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 130 | 41. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 100 | 28. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 100 | 27. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 100 | 18. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 130 | 26. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 100 | 33. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 130 | 20. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 170 | 16. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 100 | 20. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 100 | 19. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 130 | 24. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 100 | 17. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 380 | 22. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 170 | 31. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 170 | 32. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 170 | 32. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 170 | 70. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 170 | 16. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 200 | 20. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 170 | 18. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 170 | 21. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 100 | 32. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 170 | 25. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 170 | 20. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 150 | 27. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 170 | 56. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 360 | 63. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 240 | 69. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 810 | 79. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 440 | 81. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 130 | 37. | 1               |
| Phenol                                           | ND     |           | ug/kg | 170 | 25. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 170 | 26. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 240 | 26. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-31**Date Collected:** 05/16/23 12:05**Client ID:** SRI-07\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 170 | 32. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 550 | 170 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 170 | 52. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 170 | 16. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 25  | 7.8 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 67         |           | 25-120              |
| Phenol-d6            | 72         |           | 10-120              |
| Nitrobenzene-d5      | 46         |           | 23-120              |
| 2-Fluorobiphenyl     | 68         |           | 30-120              |
| 2,4,6-Tribromophenol | 47         |           | 10-136              |
| 4-Terphenyl-d14      | 66         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-31  
 Client ID: SRI-07\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:05  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 16:21  
 Analyst: AC  
 Percent Solids: 97%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:22  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.797 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.398 | 0.056 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.199 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.199 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.199 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.199 | 0.059 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.135  | J         | ng/g  | 0.199 | 0.052 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.797 | 0.279 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.199 | 0.037 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.199 | 0.078 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.199 | 0.079 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.199 | 0.075 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.797 | 0.386 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.199 | 0.100 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.199 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.199 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.199 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.199 | 0.082 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.199 | 0.041 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.199 | 0.053 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.199 | 0.106 | 1               |
| PFOA/PFOS, Total                                          | 0.135  | J         | ng/g  | 0.199 | 0.052 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-31**Date Collected:** 05/16/23 12:05**Client ID:** SRI-07\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 85         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 85         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 82         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 83         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 92         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 91         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 90         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 96         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 86         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 81         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 88         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 88         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 82         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 90         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 78         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 116        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 76         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 48         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-33  
 Client ID: SRI-08\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 13:20  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 16:17  
 Analyst: ALS  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 05:54

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 150 | 19. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 21. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 21. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 170 | 25. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 33. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 49. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 37. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 32. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 110 | 21. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 20. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 220 | 32. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 27. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 530 | 170 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 150 | 30. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 170 | 24. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 180 | 22. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 170 | 27. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 150 | 21. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 64. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 47. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 35. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 63. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-33**Date Collected:** 05/16/23 13:20**Client ID:** SRI-08\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 39. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 110 | 21. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 150 | 45. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 110 | 31. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 30. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 110 | 19. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 150 | 28. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 36. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 150 | 22. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 180 | 18. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 110 | 22. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 21. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 150 | 26. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 110 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 420 | 24. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 34. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 36. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 35. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 77. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 180 | 18. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 220 | 22. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 19. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 23. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 35. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 28. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 170 | 30. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 61. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 400 | 70. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 260 | 76. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 890 | 86. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 480 | 89. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 150 | 41. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 28. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 29. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 270 | 29. | 1               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-33**Date Collected:** 05/16/23 13:20**Client ID:** SRI-08\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 35. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 600 | 190 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 57. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 28  | 8.5 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 62         |           | 25-120              |
| Phenol-d6            | 62         |           | 10-120              |
| Nitrobenzene-d5      | 42         |           | 23-120              |
| 2-Fluorobiphenyl     | 61         |           | 30-120              |
| 2,4,6-Tribromophenol | 36         |           | 10-136              |
| 4-Terphenyl-d14      | 51         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-33  
 Client ID: SRI-08\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 13:20  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 16:34  
 Analyst: AC  
 Percent Solids: 88%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:22  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.784 | 0.049 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.392 | 0.055 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.196 | 0.042 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.196 | 0.045 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.196 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.196 | 0.058 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | ND     |           | ng/g  | 0.196 | 0.051 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.784 | 0.274 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.196 | 0.036 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.196 | 0.077 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.196 | 0.078 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.196 | 0.074 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.784 | 0.379 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.196 | 0.098 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.196 | 0.050 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.196 | 0.031 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.196 | 0.042 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.196 | 0.081 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.196 | 0.040 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.196 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.196 | 0.104 | 1               |
| PFOA/PFOS, Total                                          | ND     |           | ng/g  | 0.196 | 0.051 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-33**Date Collected:** 05/16/23 13:20**Client ID:** SRI-08\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 75         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 66         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 85         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 59         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 72         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 79         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 88         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 90         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 77         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 81         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 98         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 85         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 80         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 97         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 76         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 94         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 92         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 59         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-34  
 Client ID: SRI-08\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 13:25  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 16:57  
 Analyst: SZ  
 Percent Solids: 95%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 07:42

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 18. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 170 | 20. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 100 | 19. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 24. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 170 | 17. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 31. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 170 | 46. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 35. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 30. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 100 | 20. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 170 | 18. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 210 | 30. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 190 | 17. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 170 | 25. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 500 | 160 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 28. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 22. | 1               |
| Naphthalene                                      | 280    |           | ug/kg | 170 | 21. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 160 | 26. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 20. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 170 | 27. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 170 | 60. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 170 | 44. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 170 | 33. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 170 | 59. | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-34

Date Collected: 05/16/23 13:25

Client ID: SRI-08\_20-22

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 170 | 16. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 170 | 36. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 100 | 20. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 42. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 100 | 29. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 100 | 28. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 100 | 18. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 27. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 100 | 34. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 20. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 170 | 17. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 100 | 21. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 100 | 20. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 24. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 100 | 17. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 400 | 22. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 170 | 32. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 170 | 33. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 170 | 33. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 170 | 72. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 170 | 16. | 1               |
| 2-Methylnaphthalene                              | 180    | J         | ug/kg | 210 | 21. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 170 | 18. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 170 | 22. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 100 | 33. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 170 | 20. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 28. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 170 | 57. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 380 | 65. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 240 | 71. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 830 | 81. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 450 | 83. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 38. | 1               |
| Phenol                                           | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 170 | 27. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 250 | 27. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-34**Date Collected:** 05/16/23 13:25**Client ID:** SRI-08\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 170 | 33. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 560 | 180 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 170 | 53. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 170 | 17. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 26  | 8.0 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 64         |           | 25-120              |
| Phenol-d6            | 63         |           | 10-120              |
| Nitrobenzene-d5      | 60         |           | 23-120              |
| 2-Fluorobiphenyl     | 55         |           | 30-120              |
| 2,4,6-Tribromophenol | 73         |           | 10-136              |
| 4-Terphenyl-d14      | 59         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-34  
 Client ID: SRI-08\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 13:25  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 17:12  
 Analyst: AC  
 Percent Solids: 95%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:22  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.796 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.398 | 0.056 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.199 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.199 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.199 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.199 | 0.059 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.056  | J         | ng/g  | 0.199 | 0.052 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.796 | 0.279 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.199 | 0.037 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.199 | 0.078 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | 0.231  |           | ng/g  | 0.199 | 0.079 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.199 | 0.075 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.796 | 0.385 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.199 | 0.100 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.199 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.199 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.199 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.199 | 0.082 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.199 | 0.041 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.199 | 0.053 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.199 | 0.106 | 1               |
| PFOA/PFOS, Total                                          | 0.287  | J         | ng/g  | 0.199 | 0.052 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-34**Date Collected:** 05/16/23 13:25**Client ID:** SRI-08\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 86         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 82         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 93         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 81         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 94         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 92         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 95         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 100        |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 86         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 86         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 99         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 97         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 89         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 106        |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 80         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 107        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 87         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 58         |           | 20-150              |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-36  
 Client ID: SRI-09\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 16:41  
 Analyst: ALS  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 07:47

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 19. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 21. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 20. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 25. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 33. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 31. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 48. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 36. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 31. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 110 | 21. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 20. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 220 | 31. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 27. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 520 | 160 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 29. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 24. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 180 | 22. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 160 | 27. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 21. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 63. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 46. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 34. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 62. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-36**Date Collected:** 05/16/23 14:00**Client ID:** SRI-09\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 38. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 110 | 20. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 44. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 110 | 31. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 29. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 110 | 19. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 28. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 36. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 21. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 180 | 18. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 110 | 22. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 21. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 25. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 110 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 420 | 24. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 33. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 35. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 34. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 75. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 180 | 17. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 220 | 22. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 19. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 34. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 29. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 60. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 390 | 68. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 260 | 74. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 880 | 85. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 470 | 88. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 40. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 28. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 28. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 260 | 28. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-36**Date Collected:** 05/16/23 14:00**Client ID:** SRI-09\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 35. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 590 | 180 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 56. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 27  | 8.4 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 64         |           | 25-120              |
| Phenol-d6            | 68         |           | 10-120              |
| Nitrobenzene-d5      | 50         |           | 23-120              |
| 2-Fluorobiphenyl     | 67         |           | 30-120              |
| 2,4,6-Tribromophenol | 39         |           | 10-136              |
| 4-Terphenyl-d14      | 59         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-36  
 Client ID: SRI-09\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 17:24  
 Analyst: AC  
 Percent Solids: 90%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:22  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.784 | 0.049 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.392 | 0.055 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.196 | 0.042 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.196 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.196 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.196 | 0.058 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.078  | J         | ng/g  | 0.196 | 0.051 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.784 | 0.274 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.196 | 0.036 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.196 | 0.077 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | 0.094  | J         | ng/g  | 0.196 | 0.078 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.196 | 0.074 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.784 | 0.380 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.196 | 0.098 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.196 | 0.050 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.196 | 0.031 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.196 | 0.042 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.196 | 0.081 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.196 | 0.040 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.196 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.196 | 0.104 | 1               |
| PFOA/PFOS, Total                                          | 0.173  | J         | ng/g  | 0.196 | 0.051 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-36**Date Collected:** 05/16/23 14:00**Client ID:** SRI-09\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 77         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 81         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 79         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 76         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 89         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 76         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 78         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 84         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 77         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 83         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 83         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 81         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 83         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 90         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 78         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 108        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 69         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 45         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-37  
 Client ID: SRI-09\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:05  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 16:29  
 Analyst: JG  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 05:54

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 150 | 19. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 21. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 21. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 170 | 25. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 33. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 49. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 37. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 32. | 1               |
| Fluoranthene                                     | 26     | J         | ug/kg | 110 | 21. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 20. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 220 | 32. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 27. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 530 | 170 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 150 | 30. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 170 | 24. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 180 | 22. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 170 | 27. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 150 | 21. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 64. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 46. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 35. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 63. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-37**Date Collected:** 05/16/23 14:05**Client ID:** SRI-09\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 39. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 110 | 21. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 150 | 45. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 110 | 31. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 30. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 110 | 19. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 150 | 28. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 36. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 150 | 22. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 180 | 18. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 110 | 22. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 21. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 150 | 26. | 1               |
| Pyrene                                           | 23     | J         | ug/kg | 110 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 420 | 24. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 34. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 36. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 35. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 76. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 180 | 17. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 220 | 22. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 19. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 23. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 35. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 170 | 30. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 61. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 400 | 69. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 260 | 75. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 880 | 86. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 480 | 88. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 150 | 40. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 28. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 28. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 260 | 29. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-37**Date Collected:** 05/16/23 14:05**Client ID:** SRI-09\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 35. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 600 | 190 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 56. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 28  | 8.5 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 68         |           | 25-120              |
| Phenol-d6            | 67         |           | 10-120              |
| Nitrobenzene-d5      | 61         |           | 23-120              |
| 2-Fluorobiphenyl     | 73         |           | 30-120              |
| 2,4,6-Tribromophenol | 85         |           | 10-136              |
| 4-Terphenyl-d14      | 70         |           | 18-120              |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-37  
 Client ID: SRI-09\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:05  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 17:37  
 Analyst: AC  
 Percent Solids: 88%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:22  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.796 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.398 | 0.056 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.199 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.199 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.199 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.199 | 0.059 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.064  | J         | ng/g  | 0.199 | 0.052 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.796 | 0.279 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.199 | 0.037 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.199 | 0.078 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | 0.096  | J         | ng/g  | 0.199 | 0.079 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.199 | 0.075 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.796 | 0.385 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.199 | 0.100 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.199 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.199 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.199 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.199 | 0.082 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.199 | 0.041 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.199 | 0.053 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.199 | 0.106 | 1               |
| PFOA/PFOS, Total                                          | 0.159  | J         | ng/g  | 0.199 | 0.052 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-37**Date Collected:** 05/16/23 14:05**Client ID:** SRI-09\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 84         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 85         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 83         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 91         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 104        |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 87         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 92         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 89         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 82         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 83         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 84         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 95         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 81         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 89         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 79         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 111        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 70         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 48         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-39  
 Client ID: DUP-01\_05162023  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 00:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/17/23 16:53  
 Analyst: JG  
 Percent Solids: 76%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 07:47

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 170 | 22. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 220 | 25. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 130 | 24. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 200 | 29. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 220 | 22. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 220 | 39. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 220 | 37. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 220 | 38. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 220 | 58. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 220 | 43. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 220 | 37. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 130 | 25. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 220 | 23. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 220 | 33. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 260 | 37. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 230 | 22. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 220 | 32. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 620 | 200 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 170 | 35. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 200 | 28. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 220 | 26. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 200 | 32. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 170 | 25. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 220 | 34. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 220 | 75. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 220 | 55. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 220 | 41. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 220 | 74. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-39**Date Collected:** 05/16/23 00:00**Client ID:** DUP-01\_05162023**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL   | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|------|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |      |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 220  | 20. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 220  | 46. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 130  | 24. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 170  | 53. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 130  | 37. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 130  | 35. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 130  | 23. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 170  | 34. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 130  | 42. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 170  | 26. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 220  | 21. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 130  | 26. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 130  | 25. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 170  | 30. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 130  | 22. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 500  | 28. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 220  | 40. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 220  | 42. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 220  | 41. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 220  | 90. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 220  | 20. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 260  | 26. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 220  | 23. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 220  | 27. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 130  | 41. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 220  | 32. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 220  | 26. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 200  | 35. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 220  | 72. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 470  | 82. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 300  | 89. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 1000 | 100 | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 560  | 100 | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 170  | 48. | 1               |
| Phenol                                           | ND     |           | ug/kg | 220  | 33. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 220  | 34. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 310  | 34. | 1               |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-39  
**Client ID:** DUP-01\_05162023  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 00:00  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 220 | 42. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 700 | 220 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 220 | 66. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 220 | 21. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 33  | 10. | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 68         |           | 25-120              |
| Phenol-d6            | 67         |           | 10-120              |
| Nitrobenzene-d5      | 61         |           | 23-120              |
| 2-Fluorobiphenyl     | 70         |           | 30-120              |
| 2,4,6-Tribromophenol | 80         |           | 10-136              |
| 4-Terphenyl-d14      | 65         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-39  
 Client ID: DUP-01\_05162023  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 00:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 05/25/23 17:50  
 Analyst: AC  
 Percent Solids: 76%

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:22  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.792 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.396 | 0.055 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.198 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.198 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.198 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.198 | 0.059 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | ND     |           | ng/g  | 0.198 | 0.052 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.792 | 0.277 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.198 | 0.036 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.198 | 0.078 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.198 | 0.078 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.198 | 0.074 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.792 | 0.383 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.198 | 0.099 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.198 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.198 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.198 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.198 | 0.082 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.198 | 0.040 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.198 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.198 | 0.105 | 1               |
| PFOA/PFOS, Total                                          | ND     |           | ng/g  | 0.198 | 0.052 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-39**Date Collected:** 05/16/23 00:00**Client ID:** DUP-01\_05162023**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 75         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 76         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 71         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 73         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 90         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 73         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 78         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 75         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 75         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 76         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 76         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 80         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 85         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 85         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 69         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 100        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 68         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 44         |           | 20-150              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/17/23 13:59  
**Analyst:** SZ

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/16/23 12:13

| Parameter                                                                                | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 27,34 Batch: WG1779543-1 |        |           |       |     |     |
| Acenaphthene                                                                             | ND     |           | ug/kg | 130 | 17. |
| 1,2,4-Trichlorobenzene                                                                   | ND     |           | ug/kg | 160 | 19. |
| Hexachlorobenzene                                                                        | ND     |           | ug/kg | 99  | 18. |
| Bis(2-chloroethyl)ether                                                                  | ND     |           | ug/kg | 150 | 22. |
| 2-Chloronaphthalene                                                                      | ND     |           | ug/kg | 160 | 16. |
| 1,2-Dichlorobenzene                                                                      | ND     |           | ug/kg | 160 | 30. |
| 1,3-Dichlorobenzene                                                                      | ND     |           | ug/kg | 160 | 28. |
| 1,4-Dichlorobenzene                                                                      | ND     |           | ug/kg | 160 | 29. |
| 3,3'-Dichlorobenzidine                                                                   | ND     |           | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene                                                                       | ND     |           | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene                                                                       | ND     |           | ug/kg | 160 | 28. |
| Fluoranthene                                                                             | ND     |           | ug/kg | 99  | 19. |
| 4-Chlorophenyl phenyl ether                                                              | ND     |           | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether                                                               | ND     |           | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether                                                              | ND     |           | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane                                                               | ND     |           | ug/kg | 180 | 16. |
| Hexachlorobutadiene                                                                      | ND     |           | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene                                                                | ND     |           | ug/kg | 470 | 150 |
| Hexachloroethane                                                                         | ND     |           | ug/kg | 130 | 27. |
| Isophorone                                                                               | ND     |           | ug/kg | 150 | 21. |
| Naphthalene                                                                              | ND     |           | ug/kg | 160 | 20. |
| Nitrobenzene                                                                             | ND     |           | ug/kg | 150 | 24. |
| NDPA/DPA                                                                                 | ND     |           | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine                                                                | ND     |           | ug/kg | 160 | 25. |
| Bis(2-ethylhexyl)phthalate                                                               | ND     |           | ug/kg | 160 | 57. |
| Butyl benzyl phthalate                                                                   | ND     |           | ug/kg | 160 | 41. |
| Di-n-butylphthalate                                                                      | ND     |           | ug/kg | 160 | 31. |
| Di-n-octylphthalate                                                                      | ND     |           | ug/kg | 160 | 56. |
| Diethyl phthalate                                                                        | ND     |           | ug/kg | 160 | 15. |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/17/23 13:59  
**Analyst:** SZ

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/16/23 12:13

| Parameter                                                                                | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 27,34 Batch: WG1779543-1 |        |           |       |     |     |
| Dimethyl phthalate                                                                       | ND     |           | ug/kg | 160 | 34. |
| Benzo(a)anthracene                                                                       | ND     |           | ug/kg | 99  | 18. |
| Benzo(a)pyrene                                                                           | ND     |           | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene                                                                     | ND     |           | ug/kg | 99  | 28. |
| Benzo(k)fluoranthene                                                                     | ND     |           | ug/kg | 99  | 26. |
| Chrysene                                                                                 | ND     |           | ug/kg | 99  | 17. |
| Acenaphthylene                                                                           | ND     |           | ug/kg | 130 | 25. |
| Anthracene                                                                               | ND     |           | ug/kg | 99  | 32. |
| Benzo(ghi)perylene                                                                       | ND     |           | ug/kg | 130 | 19. |
| Fluorene                                                                                 | ND     |           | ug/kg | 160 | 16. |
| Phenanthrene                                                                             | 24     | J         | ug/kg | 99  | 20. |
| Dibenzo(a,h)anthracene                                                                   | ND     |           | ug/kg | 99  | 19. |
| Indeno(1,2,3-cd)pyrene                                                                   | ND     |           | ug/kg | 130 | 23. |
| Pyrene                                                                                   | ND     |           | ug/kg | 99  | 16. |
| Biphenyl                                                                                 | ND     |           | ug/kg | 380 | 21. |
| 4-Chloroaniline                                                                          | ND     |           | ug/kg | 160 | 30. |
| 2-Nitroaniline                                                                           | ND     |           | ug/kg | 160 | 32. |
| 3-Nitroaniline                                                                           | ND     |           | ug/kg | 160 | 31. |
| 4-Nitroaniline                                                                           | ND     |           | ug/kg | 160 | 68. |
| Dibenzofuran                                                                             | ND     |           | ug/kg | 160 | 16. |
| 2-Methylnaphthalene                                                                      | ND     |           | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene                                                               | ND     |           | ug/kg | 160 | 17. |
| Acetophenone                                                                             | ND     |           | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol                                                                    | ND     |           | ug/kg | 99  | 31. |
| p-Chloro-m-cresol                                                                        | ND     |           | ug/kg | 160 | 24. |
| 2-Chlorophenol                                                                           | ND     |           | ug/kg | 160 | 19. |
| 2,4-Dichlorophenol                                                                       | ND     |           | ug/kg | 150 | 26. |
| 2,4-Dimethylphenol                                                                       | ND     |           | ug/kg | 160 | 54. |
| 2-Nitrophenol                                                                            | ND     |           | ug/kg | 360 | 62. |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/17/23 13:59  
**Analyst:** SZ

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/16/23 12:13

| Parameter                                                                                | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 27,34 Batch: WG1779543-1 |        |           |       |     |     |
| 4-Nitrophenol                                                                            | ND     |           | ug/kg | 230 | 67. |
| 2,4-Dinitrophenol                                                                        | ND     |           | ug/kg | 790 | 77. |
| 4,6-Dinitro-o-cresol                                                                     | ND     |           | ug/kg | 430 | 79. |
| Pentachlorophenol                                                                        | ND     |           | ug/kg | 130 | 36. |
| Phenol                                                                                   | ND     |           | ug/kg | 160 | 25. |
| 2-Methylphenol                                                                           | ND     |           | ug/kg | 160 | 26. |
| 3-Methylphenol/4-Methylphenol                                                            | ND     |           | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol                                                                    | ND     |           | ug/kg | 160 | 32. |
| Benzoic Acid                                                                             | ND     |           | ug/kg | 530 | 170 |
| Benzyl Alcohol                                                                           | ND     |           | ug/kg | 160 | 50. |
| Carbazole                                                                                | ND     |           | ug/kg | 160 | 16. |
| 1,4-Dioxane                                                                              | ND     |           | ug/kg | 25  | 7.6 |

| Surrogate            | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|---------------------|
| 2-Fluorophenol       | 69        |           | 25-120              |
| Phenol-d6            | 69        |           | 10-120              |
| Nitrobenzene-d5      | 69        |           | 23-120              |
| 2-Fluorobiphenyl     | 64        |           | 30-120              |
| 2,4,6-Tribromophenol | 60        |           | 10-136              |
| 4-Terphenyl-d14      | 65        |           | 18-120              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/17/23 14:48  
**Analyst:** ALS

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 00:52

| Parameter                                                                                            | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30-31,33,36-37,39 Batch: WG1779752-1 |        |           |       |     |     |
| Acenaphthene                                                                                         | ND     |           | ug/kg | 130 | 17. |
| 1,2,4-Trichlorobenzene                                                                               | ND     |           | ug/kg | 160 | 19. |
| Hexachlorobenzene                                                                                    | ND     |           | ug/kg | 98  | 18. |
| Bis(2-chloroethyl)ether                                                                              | ND     |           | ug/kg | 150 | 22. |
| 2-Chloronaphthalene                                                                                  | ND     |           | ug/kg | 160 | 16. |
| 1,2-Dichlorobenzene                                                                                  | ND     |           | ug/kg | 160 | 29. |
| 1,3-Dichlorobenzene                                                                                  | ND     |           | ug/kg | 160 | 28. |
| 1,4-Dichlorobenzene                                                                                  | ND     |           | ug/kg | 160 | 28. |
| 3,3'-Dichlorobenzidine                                                                               | ND     |           | ug/kg | 160 | 43. |
| 2,4-Dinitrotoluene                                                                                   | ND     |           | ug/kg | 160 | 32. |
| 2,6-Dinitrotoluene                                                                                   | ND     |           | ug/kg | 160 | 28. |
| Fluoranthene                                                                                         | ND     |           | ug/kg | 98  | 19. |
| 4-Chlorophenyl phenyl ether                                                                          | ND     |           | ug/kg | 160 | 17. |
| 4-Bromophenyl phenyl ether                                                                           | ND     |           | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether                                                                          | ND     |           | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane                                                                           | ND     |           | ug/kg | 180 | 16. |
| Hexachlorobutadiene                                                                                  | ND     |           | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene                                                                            | ND     |           | ug/kg | 460 | 150 |
| Hexachloroethane                                                                                     | ND     |           | ug/kg | 130 | 26. |
| Isophorone                                                                                           | ND     |           | ug/kg | 150 | 21. |
| Naphthalene                                                                                          | ND     |           | ug/kg | 160 | 20. |
| Nitrobenzene                                                                                         | ND     |           | ug/kg | 150 | 24. |
| NDPA/DPA                                                                                             | ND     |           | ug/kg | 130 | 18. |
| n-Nitrosodi-n-propylamine                                                                            | ND     |           | ug/kg | 160 | 25. |
| Bis(2-ethylhexyl)phthalate                                                                           | ND     |           | ug/kg | 160 | 56. |
| Butyl benzyl phthalate                                                                               | ND     |           | ug/kg | 160 | 41. |
| Di-n-butylphthalate                                                                                  | ND     |           | ug/kg | 160 | 31. |
| Di-n-octylphthalate                                                                                  | ND     |           | ug/kg | 160 | 55. |
| Diethyl phthalate                                                                                    | ND     |           | ug/kg | 160 | 15. |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/17/23 14:48  
**Analyst:** ALS

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 00:52

| Parameter                                                                                            | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30-31,33,36-37,39 Batch: WG1779752-1 |        |           |       |     |     |
| Dimethyl phthalate                                                                                   | ND     |           | ug/kg | 160 | 34. |
| Benzo(a)anthracene                                                                                   | ND     |           | ug/kg | 98  | 18. |
| Benzo(a)pyrene                                                                                       | ND     |           | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene                                                                                 | ND     |           | ug/kg | 98  | 27. |
| Benzo(k)fluoranthene                                                                                 | ND     |           | ug/kg | 98  | 26. |
| Chrysene                                                                                             | ND     |           | ug/kg | 98  | 17. |
| Acenaphthylene                                                                                       | ND     |           | ug/kg | 130 | 25. |
| Anthracene                                                                                           | ND     |           | ug/kg | 98  | 32. |
| Benzo(ghi)perylene                                                                                   | ND     |           | ug/kg | 130 | 19. |
| Fluorene                                                                                             | ND     |           | ug/kg | 160 | 16. |
| Phenanthrene                                                                                         | ND     |           | ug/kg | 98  | 20. |
| Dibenzo(a,h)anthracene                                                                               | ND     |           | ug/kg | 98  | 19. |
| Indeno(1,2,3-cd)pyrene                                                                               | ND     |           | ug/kg | 130 | 23. |
| Pyrene                                                                                               | ND     |           | ug/kg | 98  | 16. |
| Biphenyl                                                                                             | ND     |           | ug/kg | 370 | 21. |
| 4-Chloroaniline                                                                                      | ND     |           | ug/kg | 160 | 30. |
| 2-Nitroaniline                                                                                       | ND     |           | ug/kg | 160 | 31. |
| 3-Nitroaniline                                                                                       | ND     |           | ug/kg | 160 | 31. |
| 4-Nitroaniline                                                                                       | ND     |           | ug/kg | 160 | 67. |
| Dibenzofuran                                                                                         | ND     |           | ug/kg | 160 | 15. |
| 2-Methylnaphthalene                                                                                  | ND     |           | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene                                                                           | ND     |           | ug/kg | 160 | 17. |
| Acetophenone                                                                                         | ND     |           | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol                                                                                | ND     |           | ug/kg | 98  | 31. |
| p-Chloro-m-cresol                                                                                    | ND     |           | ug/kg | 160 | 24. |
| 2-Chlorophenol                                                                                       | ND     |           | ug/kg | 160 | 19. |
| 2,4-Dichlorophenol                                                                                   | ND     |           | ug/kg | 150 | 26. |
| 2,4-Dimethylphenol                                                                                   | ND     |           | ug/kg | 160 | 54. |
| 2-Nitrophenol                                                                                        | ND     |           | ug/kg | 350 | 61. |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/17/23 14:48  
**Analyst:** ALS

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 00:52

| Parameter                                                                                            | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 30-31,33,36-37,39 Batch: WG1779752-1 |        |           |       |     |     |
| 4-Nitrophenol                                                                                        | ND     |           | ug/kg | 230 | 66. |
| 2,4-Dinitrophenol                                                                                    | ND     |           | ug/kg | 780 | 76. |
| 4,6-Dinitro-o-cresol                                                                                 | ND     |           | ug/kg | 420 | 78. |
| Pentachlorophenol                                                                                    | ND     |           | ug/kg | 130 | 36. |
| Phenol                                                                                               | ND     |           | ug/kg | 160 | 24. |
| 2-Methylphenol                                                                                       | ND     |           | ug/kg | 160 | 25. |
| 3-Methylphenol/4-Methylphenol                                                                        | ND     |           | ug/kg | 230 | 25. |
| 2,4,5-Trichlorophenol                                                                                | ND     |           | ug/kg | 160 | 31. |
| Benzoic Acid                                                                                         | ND     |           | ug/kg | 530 | 160 |
| Benzyl Alcohol                                                                                       | ND     |           | ug/kg | 160 | 50. |
| Carbazole                                                                                            | ND     |           | ug/kg | 160 | 16. |
| 1,4-Dioxane                                                                                          | ND     |           | ug/kg | 24  | 7.5 |

| Surrogate            | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|---------------------|
| 2-Fluorophenol       | 63        |           | 25-120              |
| Phenol-d6            | 65        |           | 10-120              |
| Nitrobenzene-d5      | 62        |           | 23-120              |
| 2-Fluorobiphenyl     | 62        |           | 30-120              |
| 2,4,6-Tribromophenol | 59        |           | 10-136              |
| 4-Terphenyl-d14      | 59        |           | 18-120              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/17/23 13:35  
**Analyst:** SLR

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 04:42

| Parameter                                                                                               | Result | Qualifier | Units | RL  | MDL |
|---------------------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18-19,21-22,24-25,28 Batch: WG1779775-1 |        |           |       |     |     |
| Acenaphthene                                                                                            | ND     |           | ug/kg | 130 | 17. |
| 1,2,4-Trichlorobenzene                                                                                  | ND     |           | ug/kg | 160 | 19. |
| Hexachlorobenzene                                                                                       | ND     |           | ug/kg | 99  | 18. |
| Bis(2-chloroethyl)ether                                                                                 | ND     |           | ug/kg | 150 | 22. |
| 2-Chloronaphthalene                                                                                     | ND     |           | ug/kg | 160 | 16. |
| 1,2-Dichlorobenzene                                                                                     | ND     |           | ug/kg | 160 | 30. |
| 1,3-Dichlorobenzene                                                                                     | ND     |           | ug/kg | 160 | 28. |
| 1,4-Dichlorobenzene                                                                                     | ND     |           | ug/kg | 160 | 29. |
| 3,3'-Dichlorobenzidine                                                                                  | ND     |           | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene                                                                                      | ND     |           | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene                                                                                      | ND     |           | ug/kg | 160 | 28. |
| Fluoranthene                                                                                            | ND     |           | ug/kg | 99  | 19. |
| 4-Chlorophenyl phenyl ether                                                                             | ND     |           | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether                                                                              | ND     |           | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether                                                                             | ND     |           | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane                                                                              | ND     |           | ug/kg | 180 | 16. |
| Hexachlorobutadiene                                                                                     | ND     |           | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene                                                                               | ND     |           | ug/kg | 470 | 150 |
| Hexachloroethane                                                                                        | ND     |           | ug/kg | 130 | 27. |
| Isophorone                                                                                              | ND     |           | ug/kg | 150 | 21. |
| Naphthalene                                                                                             | ND     |           | ug/kg | 160 | 20. |
| Nitrobenzene                                                                                            | ND     |           | ug/kg | 150 | 24. |
| NDPA/DPA                                                                                                | ND     |           | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine                                                                               | ND     |           | ug/kg | 160 | 25. |
| Bis(2-ethylhexyl)phthalate                                                                              | ND     |           | ug/kg | 160 | 57. |
| Butyl benzyl phthalate                                                                                  | ND     |           | ug/kg | 160 | 42. |
| Di-n-butylphthalate                                                                                     | ND     |           | ug/kg | 160 | 31. |
| Di-n-octylphthalate                                                                                     | ND     |           | ug/kg | 160 | 56. |
| Diethyl phthalate                                                                                       | ND     |           | ug/kg | 160 | 15. |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/17/23 13:35  
**Analyst:** SLR

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 04:42

| Parameter                                                                                               | Result | Qualifier | Units | RL  | MDL |
|---------------------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18-19,21-22,24-25,28 Batch: WG1779775-1 |        |           |       |     |     |
| Dimethyl phthalate                                                                                      | ND     |           | ug/kg | 160 | 35. |
| Benzo(a)anthracene                                                                                      | ND     |           | ug/kg | 99  | 18. |
| Benzo(a)pyrene                                                                                          | ND     |           | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene                                                                                    | ND     |           | ug/kg | 99  | 28. |
| Benzo(k)fluoranthene                                                                                    | ND     |           | ug/kg | 99  | 26. |
| Chrysene                                                                                                | ND     |           | ug/kg | 99  | 17. |
| Acenaphthylene                                                                                          | ND     |           | ug/kg | 130 | 25. |
| Anthracene                                                                                              | ND     |           | ug/kg | 99  | 32. |
| Benzo(ghi)perylene                                                                                      | ND     |           | ug/kg | 130 | 19. |
| Fluorene                                                                                                | ND     |           | ug/kg | 160 | 16. |
| Phenanthrene                                                                                            | ND     |           | ug/kg | 99  | 20. |
| Dibenzo(a,h)anthracene                                                                                  | ND     |           | ug/kg | 99  | 19. |
| Indeno(1,2,3-cd)pyrene                                                                                  | ND     |           | ug/kg | 130 | 23. |
| Pyrene                                                                                                  | ND     |           | ug/kg | 99  | 16. |
| Biphenyl                                                                                                | ND     |           | ug/kg | 380 | 21. |
| 4-Chloroaniline                                                                                         | ND     |           | ug/kg | 160 | 30. |
| 2-Nitroaniline                                                                                          | ND     |           | ug/kg | 160 | 32. |
| 3-Nitroaniline                                                                                          | ND     |           | ug/kg | 160 | 31. |
| 4-Nitroaniline                                                                                          | ND     |           | ug/kg | 160 | 68. |
| Dibenzofuran                                                                                            | ND     |           | ug/kg | 160 | 16. |
| 2-Methylnaphthalene                                                                                     | ND     |           | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene                                                                              | ND     |           | ug/kg | 160 | 17. |
| Acetophenone                                                                                            | ND     |           | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol                                                                                   | ND     |           | ug/kg | 99  | 31. |
| p-Chloro-m-cresol                                                                                       | ND     |           | ug/kg | 160 | 24. |
| 2-Chlorophenol                                                                                          | ND     |           | ug/kg | 160 | 19. |
| 2,4-Dichlorophenol                                                                                      | ND     |           | ug/kg | 150 | 26. |
| 2,4-Dimethylphenol                                                                                      | ND     |           | ug/kg | 160 | 54. |
| 2-Nitrophenol                                                                                           | ND     |           | ug/kg | 360 | 62. |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/17/23 13:35  
**Analyst:** SLR

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 04:42

| Parameter                                                                                               | Result | Qualifier | Units | RL  | MDL |
|---------------------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18-19,21-22,24-25,28 Batch: WG1779775-1 |        |           |       |     |     |
| 4-Nitrophenol                                                                                           | ND     |           | ug/kg | 230 | 67. |
| 2,4-Dinitrophenol                                                                                       | ND     |           | ug/kg | 790 | 77. |
| 4,6-Dinitro-o-cresol                                                                                    | ND     |           | ug/kg | 430 | 79. |
| Pentachlorophenol                                                                                       | ND     |           | ug/kg | 130 | 36. |
| Phenol                                                                                                  | ND     |           | ug/kg | 160 | 25. |
| 2-Methylphenol                                                                                          | ND     |           | ug/kg | 160 | 26. |
| 3-Methylphenol/4-Methylphenol                                                                           | ND     |           | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol                                                                                   | ND     |           | ug/kg | 160 | 32. |
| Benzoic Acid                                                                                            | ND     |           | ug/kg | 530 | 170 |
| Benzyl Alcohol                                                                                          | ND     |           | ug/kg | 160 | 50. |
| Carbazole                                                                                               | ND     |           | ug/kg | 160 | 16. |
| 1,4-Dioxane                                                                                             | ND     |           | ug/kg | 25  | 7.6 |

| Surrogate            | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|---------------------|
| 2-Fluorophenol       | 81        |           | 25-120              |
| Phenol-d6            | 83        |           | 10-120              |
| Nitrobenzene-d5      | 77        |           | 23-120              |
| 2-Fluorobiphenyl     | 82        |           | 30-120              |
| 2,4,6-Tribromophenol | 75        |           | 10-136              |
| 4-Terphenyl-d14      | 76        |           | 18-120              |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/20/23 11:11  
**Analyst:** CMM

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/19/23 04:22

| Parameter                                                                                | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1780813-1 |        |           |       |     |     |
| Acenaphthene                                                                             | ND     |           | ug/kg | 130 | 17. |
| 1,2,4-Trichlorobenzene                                                                   | ND     |           | ug/kg | 160 | 19. |
| Hexachlorobenzene                                                                        | ND     |           | ug/kg | 99  | 18. |
| Bis(2-chloroethyl)ether                                                                  | ND     |           | ug/kg | 150 | 22. |
| 2-Chloronaphthalene                                                                      | ND     |           | ug/kg | 160 | 16. |
| 1,2-Dichlorobenzene                                                                      | ND     |           | ug/kg | 160 | 30. |
| 1,3-Dichlorobenzene                                                                      | ND     |           | ug/kg | 160 | 28. |
| 1,4-Dichlorobenzene                                                                      | ND     |           | ug/kg | 160 | 29. |
| 3,3'-Dichlorobenzidine                                                                   | ND     |           | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene                                                                       | ND     |           | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene                                                                       | ND     |           | ug/kg | 160 | 28. |
| Fluoranthene                                                                             | ND     |           | ug/kg | 99  | 19. |
| 4-Chlorophenyl phenyl ether                                                              | ND     |           | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether                                                               | ND     |           | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether                                                              | ND     |           | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane                                                               | ND     |           | ug/kg | 180 | 16. |
| Hexachlorobutadiene                                                                      | ND     |           | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene                                                                | ND     |           | ug/kg | 470 | 150 |
| Hexachloroethane                                                                         | ND     |           | ug/kg | 130 | 27. |
| Isophorone                                                                               | ND     |           | ug/kg | 150 | 21. |
| Naphthalene                                                                              | ND     |           | ug/kg | 160 | 20. |
| Nitrobenzene                                                                             | ND     |           | ug/kg | 150 | 24. |
| NDPA/DPA                                                                                 | ND     |           | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine                                                                | ND     |           | ug/kg | 160 | 25. |
| Bis(2-ethylhexyl)phthalate                                                               | ND     |           | ug/kg | 160 | 57. |
| Butyl benzyl phthalate                                                                   | ND     |           | ug/kg | 160 | 41. |
| Di-n-butylphthalate                                                                      | ND     |           | ug/kg | 160 | 31. |
| Di-n-octylphthalate                                                                      | ND     |           | ug/kg | 160 | 56. |
| Diethyl phthalate                                                                        | ND     |           | ug/kg | 160 | 15. |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/20/23 11:11  
**Analyst:** CMM

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/19/23 04:22

| Parameter                                                                                | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1780813-1 |        |           |       |     |     |
| Dimethyl phthalate                                                                       | ND     |           | ug/kg | 160 | 34. |
| Benzo(a)anthracene                                                                       | ND     |           | ug/kg | 99  | 18. |
| Benzo(a)pyrene                                                                           | ND     |           | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene                                                                     | ND     |           | ug/kg | 99  | 28. |
| Benzo(k)fluoranthene                                                                     | ND     |           | ug/kg | 99  | 26. |
| Chrysene                                                                                 | ND     |           | ug/kg | 99  | 17. |
| Acenaphthylene                                                                           | ND     |           | ug/kg | 130 | 25. |
| Anthracene                                                                               | ND     |           | ug/kg | 99  | 32. |
| Benzo(ghi)perylene                                                                       | ND     |           | ug/kg | 130 | 19. |
| Fluorene                                                                                 | ND     |           | ug/kg | 160 | 16. |
| Phenanthrene                                                                             | ND     |           | ug/kg | 99  | 20. |
| Dibenzo(a,h)anthracene                                                                   | ND     |           | ug/kg | 99  | 19. |
| Indeno(1,2,3-cd)pyrene                                                                   | ND     |           | ug/kg | 130 | 23. |
| Pyrene                                                                                   | ND     |           | ug/kg | 99  | 16. |
| Biphenyl                                                                                 | ND     |           | ug/kg | 380 | 21. |
| 4-Chloroaniline                                                                          | ND     |           | ug/kg | 160 | 30. |
| 2-Nitroaniline                                                                           | ND     |           | ug/kg | 160 | 32. |
| 3-Nitroaniline                                                                           | ND     |           | ug/kg | 160 | 31. |
| 4-Nitroaniline                                                                           | ND     |           | ug/kg | 160 | 68. |
| Dibenzofuran                                                                             | ND     |           | ug/kg | 160 | 16. |
| 2-Methylnaphthalene                                                                      | ND     |           | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene                                                               | ND     |           | ug/kg | 160 | 17. |
| Acetophenone                                                                             | ND     |           | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol                                                                    | ND     |           | ug/kg | 99  | 31. |
| p-Chloro-m-cresol                                                                        | ND     |           | ug/kg | 160 | 24. |
| 2-Chlorophenol                                                                           | ND     |           | ug/kg | 160 | 19. |
| 2,4-Dichlorophenol                                                                       | ND     |           | ug/kg | 150 | 26. |
| 2,4-Dimethylphenol                                                                       | ND     |           | ug/kg | 160 | 54. |
| 2-Nitrophenol                                                                            | ND     |           | ug/kg | 360 | 62. |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/20/23 11:11  
**Analyst:** CMM

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/19/23 04:22

| Parameter                                                                                | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1780813-1 |        |           |       |     |     |
| 4-Nitrophenol                                                                            | ND     |           | ug/kg | 230 | 67. |
| 2,4-Dinitrophenol                                                                        | ND     |           | ug/kg | 790 | 77. |
| 4,6-Dinitro-o-cresol                                                                     | ND     |           | ug/kg | 430 | 79. |
| Pentachlorophenol                                                                        | ND     |           | ug/kg | 130 | 36. |
| Phenol                                                                                   | ND     |           | ug/kg | 160 | 25. |
| 2-Methylphenol                                                                           | ND     |           | ug/kg | 160 | 26. |
| 3-Methylphenol/4-Methylphenol                                                            | ND     |           | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol                                                                    | ND     |           | ug/kg | 160 | 32. |
| Benzoic Acid                                                                             | ND     |           | ug/kg | 530 | 170 |
| Benzyl Alcohol                                                                           | ND     |           | ug/kg | 160 | 50. |
| Carbazole                                                                                | ND     |           | ug/kg | 160 | 16. |
| 1,4-Dioxane                                                                              | ND     |           | ug/kg | 25  | 7.6 |

| Surrogate            | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|---------------------|
| 2-Fluorophenol       | 57        |           | 25-120              |
| Phenol-d6            | 59        |           | 10-120              |
| Nitrobenzene-d5      | 55        |           | 23-120              |
| 2-Fluorobiphenyl     | 57        |           | 30-120              |
| 2,4,6-Tribromophenol | 31        |           | 10-136              |
| 4-Terphenyl-d14      | 58        |           | 18-120              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 144,1633  
**Analytical Date:** 05/25/23 12:31  
**Analyst:** AC

**Extraction Method:** EPA 1633  
**Extraction Date:** 05/24/23 06:21  
**Cleanup Method:** EPA 1633  
**Cleanup Date:** 05/25/23

| Parameter                                                                                                                             | Result | Qualifier | Units | RL    | MDL   |
|---------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1782630-1 |        |           |       |       |       |
| Perfluorobutanoic Acid (PFBA)                                                                                                         | ND     |           | ng/g  | 0.800 | 0.050 |
| Perfluoropentanoic Acid (PFPeA)                                                                                                       | ND     |           | ng/g  | 0.400 | 0.056 |
| Perfluorobutanesulfonic Acid (PFBS)                                                                                                   | ND     |           | ng/g  | 0.200 | 0.043 |
| Perfluorohexanoic Acid (PFHxA)                                                                                                        | ND     |           | ng/g  | 0.200 | 0.046 |
| Perfluoroheptanoic Acid (PFHpA)                                                                                                       | ND     |           | ng/g  | 0.200 | 0.023 |
| Perfluorohexanesulfonic Acid (PFHxS)                                                                                                  | ND     |           | ng/g  | 0.200 | 0.059 |
| Perfluorooctanoic Acid (PFOA)                                                                                                         | ND     |           | ng/g  | 0.200 | 0.052 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)                                                                                     | ND     |           | ng/g  | 0.800 | 0.280 |
| Perfluoroheptanesulfonic Acid (PFHpS)                                                                                                 | ND     |           | ng/g  | 0.200 | 0.037 |
| Perfluorononanoic Acid (PFNA)                                                                                                         | ND     |           | ng/g  | 0.200 | 0.078 |
| Perfluorooctanesulfonic Acid (PFOS)                                                                                                   | ND     |           | ng/g  | 0.200 | 0.079 |
| Perfluorodecanoic Acid (PFDA)                                                                                                         | ND     |           | ng/g  | 0.200 | 0.075 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)                                                                                     | ND     |           | ng/g  | 0.800 | 0.387 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)                                                                             | ND     |           | ng/g  | 0.200 | 0.100 |
| Perfluoroundecanoic Acid (PFUnA)                                                                                                      | ND     |           | ng/g  | 0.200 | 0.051 |
| Perfluorodecanesulfonic Acid (PFDS)                                                                                                   | ND     |           | ng/g  | 0.200 | 0.032 |
| Perfluorooctanesulfonamide (PFOSA)                                                                                                    | ND     |           | ng/g  | 0.200 | 0.043 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)                                                                              | ND     |           | ng/g  | 0.200 | 0.082 |
| Perfluorododecanoic Acid (PFDoA)                                                                                                      | ND     |           | ng/g  | 0.200 | 0.041 |
| Perfluorotridecanoic Acid (PFTrDA)                                                                                                    | ND     |           | ng/g  | 0.200 | 0.053 |
| Perfluorotetradecanoic Acid (PFTeDA)                                                                                                  | ND     |           | ng/g  | 0.200 | 0.106 |
| PFOA/PFOS, Total                                                                                                                      | ND     |           | ng/g  | 0.200 | 0.052 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633  
 Analytical Date: 05/25/23 12:31  
 Analyst: AC

Extraction Method: EPA 1633  
 Extraction Date: 05/24/23 06:21  
 Cleanup Method: EPA 1633  
 Cleanup Date: 05/25/23

| Parameter                                                                                                                             | Result | Qualifier | Units | RL | MDL |
|---------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|-------|----|-----|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1782630-1 |        |           |       |    |     |

| Surrogate                                                           | %Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|-----------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 87        |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 99        |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 95        |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 95        |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 116       |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 91        |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 100       |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 94        |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 82        |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 90        |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 87        |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 90        |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 101       |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 90        |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 78        |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 114       |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 79        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 56        |           | 20-150              |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Lab Number:** L2327188

**Project Number:** 0205563

**Report Date:** 06/07/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27,34 Batch: WG1779543-2 WG1779543-3 |                  |      |                   |      |                     |     |      |               |
| Acenaphthene                                                                                                | 61               |      | 68                |      | 31-137              | 11  |      | 50            |
| 1,2,4-Trichlorobenzene                                                                                      | 60               |      | 64                |      | 38-107              | 6   |      | 50            |
| Hexachlorobenzene                                                                                           | 59               |      | 64                |      | 40-140              | 8   |      | 50            |
| Bis(2-chloroethyl)ether                                                                                     | 70               |      | 79                |      | 40-140              | 12  |      | 50            |
| 2-Chloronaphthalene                                                                                         | 61               |      | 65                |      | 40-140              | 6   |      | 50            |
| 1,2-Dichlorobenzene                                                                                         | 64               |      | 67                |      | 40-140              | 5   |      | 50            |
| 1,3-Dichlorobenzene                                                                                         | 62               |      | 67                |      | 40-140              | 8   |      | 50            |
| 1,4-Dichlorobenzene                                                                                         | 63               |      | 68                |      | 28-104              | 8   |      | 50            |
| 3,3'-Dichlorobenzidine                                                                                      | 45               |      | 51                |      | 40-140              | 13  |      | 50            |
| 2,4-Dinitrotoluene                                                                                          | 60               |      | 67                |      | 40-132              | 11  |      | 50            |
| 2,6-Dinitrotoluene                                                                                          | 57               |      | 60                |      | 40-140              | 5   |      | 50            |
| Fluoranthene                                                                                                | 59               |      | 69                |      | 40-140              | 16  |      | 50            |
| 4-Chlorophenyl phenyl ether                                                                                 | 58               |      | 66                |      | 40-140              | 13  |      | 50            |
| 4-Bromophenyl phenyl ether                                                                                  | 59               |      | 64                |      | 40-140              | 8   |      | 50            |
| Bis(2-chloroisopropyl)ether                                                                                 | 74               |      | 82                |      | 40-140              | 10  |      | 50            |
| Bis(2-chloroethoxy)methane                                                                                  | 70               |      | 76                |      | 40-117              | 8   |      | 50            |
| Hexachlorobutadiene                                                                                         | 56               |      | 59                |      | 40-140              | 5   |      | 50            |
| Hexachlorocyclopentadiene                                                                                   | 55               |      | 57                |      | 40-140              | 4   |      | 50            |
| Hexachloroethane                                                                                            | 60               |      | 65                |      | 40-140              | 8   |      | 50            |
| Isophorone                                                                                                  | 63               |      | 70                |      | 40-140              | 11  |      | 50            |
| Naphthalene                                                                                                 | 64               |      | 68                |      | 40-140              | 6   |      | 50            |
| Nitrobenzene                                                                                                | 68               |      | 74                |      | 40-140              | 8   |      | 50            |
| NDPA/DPA                                                                                                    | 62               |      | 70                |      | 36-157              | 12  |      | 50            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27,34 Batch: WG1779543-2 WG1779543-3 |                  |      |                   |      |                     |     |      |               |
| n-Nitrosodi-n-propylamine                                                                                   | 68               |      | 74                |      | 32-121              | 8   |      | 50            |
| Bis(2-ethylhexyl)phthalate                                                                                  | 69               |      | 77                |      | 40-140              | 11  |      | 50            |
| Butyl benzyl phthalate                                                                                      | 63               |      | 75                |      | 40-140              | 17  |      | 50            |
| Di-n-butylphthalate                                                                                         | 66               |      | 73                |      | 40-140              | 10  |      | 50            |
| Di-n-octylphthalate                                                                                         | 69               |      | 77                |      | 40-140              | 11  |      | 50            |
| Diethyl phthalate                                                                                           | 61               |      | 68                |      | 40-140              | 11  |      | 50            |
| Dimethyl phthalate                                                                                          | 58               |      | 62                |      | 40-140              | 7   |      | 50            |
| Benzo(a)anthracene                                                                                          | 62               |      | 70                |      | 40-140              | 12  |      | 50            |
| Benzo(a)pyrene                                                                                              | 68               |      | 75                |      | 40-140              | 10  |      | 50            |
| Benzo(b)fluoranthene                                                                                        | 60               |      | 65                |      | 40-140              | 8   |      | 50            |
| Benzo(k)fluoranthene                                                                                        | 65               |      | 75                |      | 40-140              | 14  |      | 50            |
| Chrysene                                                                                                    | 61               |      | 69                |      | 40-140              | 12  |      | 50            |
| Acenaphthylene                                                                                              | 64               |      | 69                |      | 40-140              | 8   |      | 50            |
| Anthracene                                                                                                  | 62               |      | 70                |      | 40-140              | 12  |      | 50            |
| Benzo(ghi)perylene                                                                                          | 65               |      | 68                |      | 40-140              | 5   |      | 50            |
| Fluorene                                                                                                    | 60               |      | 67                |      | 40-140              | 11  |      | 50            |
| Phenanthrene                                                                                                | 61               |      | 68                |      | 40-140              | 11  |      | 50            |
| Dibenzo(a,h)anthracene                                                                                      | 60               |      | 64                |      | 40-140              | 6   |      | 50            |
| Indeno(1,2,3-cd)pyrene                                                                                      | 63               |      | 68                |      | 40-140              | 8   |      | 50            |
| Pyrene                                                                                                      | 60               |      | 69                |      | 35-142              | 14  |      | 50            |
| Biphenyl                                                                                                    | 60               |      | 63                |      | 37-127              | 5   |      | 50            |
| 4-Chloroaniline                                                                                             | 43               |      | 46                |      | 40-140              | 7   |      | 50            |
| 2-Nitroaniline                                                                                              | 61               |      | 67                |      | 47-134              | 9   |      | 50            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27,34 Batch: WG1779543-2 WG1779543-3 |                  |      |                   |      |                     |     |      |               |
| 3-Nitroaniline                                                                                              | 47               |      | 53                |      | 26-129              | 12  |      | 50            |
| 4-Nitroaniline                                                                                              | 60               |      | 71                |      | 41-125              | 17  |      | 50            |
| Dibenzofuran                                                                                                | 61               |      | 68                |      | 40-140              | 11  |      | 50            |
| 2-Methylnaphthalene                                                                                         | 62               |      | 65                |      | 40-140              | 5   |      | 50            |
| 1,2,4,5-Tetrachlorobenzene                                                                                  | 58               |      | 60                |      | 40-117              | 3   |      | 50            |
| Acetophenone                                                                                                | 67               |      | 76                |      | 14-144              | 13  |      | 50            |
| 2,4,6-Trichlorophenol                                                                                       | 60               |      | 64                |      | 30-130              | 6   |      | 50            |
| p-Chloro-m-cresol                                                                                           | 63               |      | 70                |      | 26-103              | 11  |      | 50            |
| 2-Chlorophenol                                                                                              | 66               |      | 73                |      | 25-102              | 10  |      | 50            |
| 2,4-Dichlorophenol                                                                                          | 64               |      | 69                |      | 30-130              | 8   |      | 50            |
| 2,4-Dimethylphenol                                                                                          | 65               |      | 70                |      | 30-130              | 7   |      | 50            |
| 2-Nitrophenol                                                                                               | 67               |      | 71                |      | 30-130              | 6   |      | 50            |
| 4-Nitrophenol                                                                                               | 72               |      | 83                |      | 11-114              | 14  |      | 50            |
| 2,4-Dinitrophenol                                                                                           | 51               |      | 60                |      | 4-130               | 16  |      | 50            |
| 4,6-Dinitro-o-cresol                                                                                        | 63               |      | 73                |      | 10-130              | 15  |      | 50            |
| Pentachlorophenol                                                                                           | 60               |      | 68                |      | 17-109              | 13  |      | 50            |
| Phenol                                                                                                      | 70               |      | 78                |      | 26-90               | 11  |      | 50            |
| 2-Methylphenol                                                                                              | 66               |      | 75                |      | 30-130              | 13  |      | 50            |
| 3-Methylphenol/4-Methylphenol                                                                               | 73               |      | 80                |      | 30-130              | 9   |      | 50            |
| 2,4,5-Trichlorophenol                                                                                       | 60               |      | 66                |      | 30-130              | 10  |      | 50            |
| Benzoic Acid                                                                                                | 36               |      | 36                |      | 10-110              | 0   |      | 50            |
| Benzyl Alcohol                                                                                              | 68               |      | 76                |      | 40-140              | 11  |      | 50            |
| Carbazole                                                                                                   | 63               |      | 71                |      | 54-128              | 12  |      | 50            |



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27,34 Batch: WG1779543-2 WG1779543-3 |                  |      |                   |      |                     |     |      |               |
| 1,4-Dioxane                                                                                                 | 56               |      | 60                |      | 40-140              | 7   |      | 50            |

| Surrogate            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|----------------------|------------------|------|-------------------|------|------------------------|
| 2-Fluorophenol       | 74               |      | 79                |      | 25-120                 |
| Phenol-d6            | 72               |      | 76                |      | 10-120                 |
| Nitrobenzene-d5      | 69               |      | 74                |      | 23-120                 |
| 2-Fluorobiphenyl     | 63               |      | 65                |      | 30-120                 |
| 2,4,6-Tribromophenol | 64               |      | 69                |      | 10-136                 |
| 4-Terphenyl-d14      | 59               |      | 67                |      | 18-120                 |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                               | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-31,33,36-37,39 Batch: WG1779752-2 WG1779752-3 |                  |      |                   |      |                     |     |      |               |
| Acenaphthene                                                                                                            | 69               |      | 70                |      | 31-137              | 1   |      | 50            |
| 1,2,4-Trichlorobenzene                                                                                                  | 77               |      | 79                |      | 38-107              | 3   |      | 50            |
| Hexachlorobenzene                                                                                                       | 71               |      | 72                |      | 40-140              | 1   |      | 50            |
| Bis(2-chloroethyl)ether                                                                                                 | 76               |      | 78                |      | 40-140              | 3   |      | 50            |
| 2-Chloronaphthalene                                                                                                     | 74               |      | 75                |      | 40-140              | 1   |      | 50            |
| 1,2-Dichlorobenzene                                                                                                     | 73               |      | 75                |      | 40-140              | 3   |      | 50            |
| 1,3-Dichlorobenzene                                                                                                     | 72               |      | 72                |      | 40-140              | 0   |      | 50            |
| 1,4-Dichlorobenzene                                                                                                     | 72               |      | 74                |      | 28-104              | 3   |      | 50            |
| 3,3'-Dichlorobenzidine                                                                                                  | 61               |      | 57                |      | 40-140              | 7   |      | 50            |
| 2,4-Dinitrotoluene                                                                                                      | 71               |      | 74                |      | 40-132              | 4   |      | 50            |
| 2,6-Dinitrotoluene                                                                                                      | 76               |      | 79                |      | 40-140              | 4   |      | 50            |
| Fluoranthene                                                                                                            | 69               |      | 70                |      | 40-140              | 1   |      | 50            |
| 4-Chlorophenyl phenyl ether                                                                                             | 70               |      | 71                |      | 40-140              | 1   |      | 50            |
| 4-Bromophenyl phenyl ether                                                                                              | 70               |      | 70                |      | 40-140              | 0   |      | 50            |
| Bis(2-chloroisopropyl)ether                                                                                             | 80               |      | 81                |      | 40-140              | 1   |      | 50            |
| Bis(2-chloroethoxy)methane                                                                                              | 83               |      | 85                |      | 40-117              | 2   |      | 50            |
| Hexachlorobutadiene                                                                                                     | 70               |      | 70                |      | 40-140              | 0   |      | 50            |
| Hexachlorocyclopentadiene                                                                                               | 76               |      | 76                |      | 40-140              | 0   |      | 50            |
| Hexachloroethane                                                                                                        | 74               |      | 76                |      | 40-140              | 3   |      | 50            |
| Isophorone                                                                                                              | 82               |      | 85                |      | 40-140              | 4   |      | 50            |
| Naphthalene                                                                                                             | 72               |      | 74                |      | 40-140              | 3   |      | 50            |
| Nitrobenzene                                                                                                            | 80               |      | 83                |      | 40-140              | 4   |      | 50            |
| NDPA/DPA                                                                                                                | 73               |      | 75                |      | 36-157              | 3   |      | 50            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                               | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-31,33,36-37,39 Batch: WG1779752-2 WG1779752-3 |                  |      |                   |      |                     |     |      |               |
| n-Nitrosodi-n-propylamine                                                                                               | 84               |      | 86                |      | 32-121              | 2   |      | 50            |
| Bis(2-ethylhexyl)phthalate                                                                                              | 72               |      | 71                |      | 40-140              | 1   |      | 50            |
| Butyl benzyl phthalate                                                                                                  | 72               |      | 73                |      | 40-140              | 1   |      | 50            |
| Di-n-butylphthalate                                                                                                     | 80               |      | 81                |      | 40-140              | 1   |      | 50            |
| Di-n-octylphthalate                                                                                                     | 73               |      | 73                |      | 40-140              | 0   |      | 50            |
| Diethyl phthalate                                                                                                       | 74               |      | 76                |      | 40-140              | 3   |      | 50            |
| Dimethyl phthalate                                                                                                      | 77               |      | 79                |      | 40-140              | 3   |      | 50            |
| Benzo(a)anthracene                                                                                                      | 71               |      | 72                |      | 40-140              | 1   |      | 50            |
| Benzo(a)pyrene                                                                                                          | 79               |      | 80                |      | 40-140              | 1   |      | 50            |
| Benzo(b)fluoranthene                                                                                                    | 70               |      | 72                |      | 40-140              | 3   |      | 50            |
| Benzo(k)fluoranthene                                                                                                    | 71               |      | 71                |      | 40-140              | 0   |      | 50            |
| Chrysene                                                                                                                | 67               |      | 68                |      | 40-140              | 1   |      | 50            |
| Acenaphthylene                                                                                                          | 82               |      | 84                |      | 40-140              | 2   |      | 50            |
| Anthracene                                                                                                              | 71               |      | 72                |      | 40-140              | 1   |      | 50            |
| Benzo(ghi)perylene                                                                                                      | 70               |      | 71                |      | 40-140              | 1   |      | 50            |
| Fluorene                                                                                                                | 71               |      | 72                |      | 40-140              | 1   |      | 50            |
| Phenanthrene                                                                                                            | 67               |      | 69                |      | 40-140              | 3   |      | 50            |
| Dibenzo(a,h)anthracene                                                                                                  | 72               |      | 73                |      | 40-140              | 1   |      | 50            |
| Indeno(1,2,3-cd)pyrene                                                                                                  | 76               |      | 77                |      | 40-140              | 1   |      | 50            |
| Pyrene                                                                                                                  | 68               |      | 69                |      | 35-142              | 1   |      | 50            |
| Biphenyl                                                                                                                | 76               |      | 78                |      | 37-127              | 3   |      | 50            |
| 4-Chloroaniline                                                                                                         | 68               |      | 59                |      | 40-140              | 14  |      | 50            |
| 2-Nitroaniline                                                                                                          | 75               |      | 79                |      | 47-134              | 5   |      | 50            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

| Parameter                                                                                                               | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-31,33,36-37,39 Batch: WG1779752-2 WG1779752-3 |                  |      |                   |      |                     |     |      |               |
| 3-Nitroaniline                                                                                                          | 60               |      | 59                |      | 26-129              | 2   |      | 50            |
| 4-Nitroaniline                                                                                                          | 67               |      | 72                |      | 41-125              | 7   |      | 50            |
| Dibenzofuran                                                                                                            | 70               |      | 71                |      | 40-140              | 1   |      | 50            |
| 2-Methylnaphthalene                                                                                                     | 76               |      | 78                |      | 40-140              | 3   |      | 50            |
| 1,2,4,5-Tetrachlorobenzene                                                                                              | 74               |      | 76                |      | 40-117              | 3   |      | 50            |
| Acetophenone                                                                                                            | 80               |      | 82                |      | 14-144              | 2   |      | 50            |
| 2,4,6-Trichlorophenol                                                                                                   | 82               |      | 84                |      | 30-130              | 2   |      | 50            |
| p-Chloro-m-cresol                                                                                                       | 81               |      | 83                |      | 26-103              | 2   |      | 50            |
| 2-Chlorophenol                                                                                                          | 78               |      | 81                |      | 25-102              | 4   |      | 50            |
| 2,4-Dichlorophenol                                                                                                      | 81               |      | 84                |      | 30-130              | 4   |      | 50            |
| 2,4-Dimethylphenol                                                                                                      | 81               |      | 85                |      | 30-130              | 5   |      | 50            |
| 2-Nitrophenol                                                                                                           | 78               |      | 84                |      | 30-130              | 7   |      | 50            |
| 4-Nitrophenol                                                                                                           | 75               |      | 76                |      | 11-114              | 1   |      | 50            |
| 2,4-Dinitrophenol                                                                                                       | 49               |      | 62                |      | 4-130               | 23  |      | 50            |
| 4,6-Dinitro-o-cresol                                                                                                    | 59               |      | 67                |      | 10-130              | 13  |      | 50            |
| Pentachlorophenol                                                                                                       | 66               |      | 68                |      | 17-109              | 3   |      | 50            |
| Phenol                                                                                                                  | 78               |      | 80                |      | 26-90               | 3   |      | 50            |
| 2-Methylphenol                                                                                                          | 78               |      | 82                |      | 30-130.             | 5   |      | 50            |
| 3-Methylphenol/4-Methylphenol                                                                                           | 80               |      | 82                |      | 30-130              | 2   |      | 50            |
| 2,4,5-Trichlorophenol                                                                                                   | 79               |      | 81                |      | 30-130              | 3   |      | 50            |
| Benzoic Acid                                                                                                            | 58               |      | 69                |      | 10-110              | 17  |      | 50            |
| Benzyl Alcohol                                                                                                          | 83               |      | 87                |      | 40-140              | 5   |      | 50            |
| Carbazole                                                                                                               | 70               |      | 71                |      | 54-128              | 1   |      | 50            |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Lab Number:** L2327188

**Project Number:** 0205563

**Report Date:** 06/07/23

| <b>Parameter</b>                                                                                                        | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>%Recovery<br/>Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD<br/>Limits</b> |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 30-31,33,36-37,39 Batch: WG1779752-2 WG1779752-3 |                          |             |                           |             |                             |            |             |                       |
| 1,4-Dioxane                                                                                                             | 63                       |             | 65                        |             | 40-140                      | 3          |             | 50                    |

| <b>Surrogate</b>     | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>Acceptance<br/>Criteria</b> |
|----------------------|--------------------------|-------------|---------------------------|-------------|--------------------------------|
| 2-Fluorophenol       | 81                       |             | 83                        |             | 25-120                         |
| Phenol-d6            | 82                       |             | 85                        |             | 10-120                         |
| Nitrobenzene-d5      | 81                       |             | 85                        |             | 23-120                         |
| 2-Fluorobiphenyl     | 77                       |             | 78                        |             | 30-120                         |
| 2,4,6-Tribromophenol | 75                       |             | 77                        |             | 10-136                         |
| 4-Terphenyl-d14      | 70                       |             | 71                        |             | 18-120                         |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                  | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19,21-22,24-25,28 Batch: WG1779775-2 WG1779775-3 |                  |      |                   |      |                     |     |      |               |
| Acenaphthene                                                                                                               | 76               |      | 73                |      | 31-137              | 4   |      | 50            |
| 1,2,4-Trichlorobenzene                                                                                                     | 80               |      | 76                |      | 38-107              | 5   |      | 50            |
| Hexachlorobenzene                                                                                                          | 79               |      | 78                |      | 40-140              | 1   |      | 50            |
| Bis(2-chloroethyl)ether                                                                                                    | 78               |      | 75                |      | 40-140              | 4   |      | 50            |
| 2-Chloronaphthalene                                                                                                        | 82               |      | 79                |      | 40-140              | 4   |      | 50            |
| 1,2-Dichlorobenzene                                                                                                        | 75               |      | 71                |      | 40-140              | 5   |      | 50            |
| 1,3-Dichlorobenzene                                                                                                        | 72               |      | 68                |      | 40-140              | 6   |      | 50            |
| 1,4-Dichlorobenzene                                                                                                        | 73               |      | 69                |      | 28-104              | 6   |      | 50            |
| 3,3'-Dichlorobenzidine                                                                                                     | 63               |      | 64                |      | 40-140              | 2   |      | 50            |
| 2,4-Dinitrotoluene                                                                                                         | 76               |      | 77                |      | 40-132              | 1   |      | 50            |
| 2,6-Dinitrotoluene                                                                                                         | 81               |      | 83                |      | 40-140              | 2   |      | 50            |
| Fluoranthene                                                                                                               | 80               |      | 76                |      | 40-140              | 5   |      | 50            |
| 4-Chlorophenyl phenyl ether                                                                                                | 78               |      | 76                |      | 40-140              | 3   |      | 50            |
| 4-Bromophenyl phenyl ether                                                                                                 | 80               |      | 78                |      | 40-140              | 3   |      | 50            |
| Bis(2-chloroisopropyl)ether                                                                                                | 83               |      | 79                |      | 40-140              | 5   |      | 50            |
| Bis(2-chloroethoxy)methane                                                                                                 | 89               |      | 84                |      | 40-117              | 6   |      | 50            |
| Hexachlorobutadiene                                                                                                        | 71               |      | 70                |      | 40-140              | 1   |      | 50            |
| Hexachlorocyclopentadiene                                                                                                  | 81               |      | 79                |      | 40-140              | 3   |      | 50            |
| Hexachloroethane                                                                                                           | 75               |      | 71                |      | 40-140              | 5   |      | 50            |
| Isophorone                                                                                                                 | 90               |      | 86                |      | 40-140              | 5   |      | 50            |
| Naphthalene                                                                                                                | 76               |      | 73                |      | 40-140              | 4   |      | 50            |
| Nitrobenzene                                                                                                               | 80               |      | 79                |      | 40-140              | 1   |      | 50            |
| NDPA/DPA                                                                                                                   | 82               |      | 80                |      | 36-157              | 2   |      | 50            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

| Parameter                                                                                                                  | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19,21-22,24-25,28 Batch: WG1779775-2 WG1779775-3 |                  |      |                   |      |                     |     |      |               |
| n-Nitrosodi-n-propylamine                                                                                                  | 88               |      | 86                |      | 32-121              | 2   |      | 50            |
| Bis(2-ethylhexyl)phthalate                                                                                                 | 79               |      | 78                |      | 40-140              | 1   |      | 50            |
| Butyl benzyl phthalate                                                                                                     | 81               |      | 78                |      | 40-140              | 4   |      | 50            |
| Di-n-butylphthalate                                                                                                        | 90               |      | 88                |      | 40-140              | 2   |      | 50            |
| Di-n-octylphthalate                                                                                                        | 82               |      | 78                |      | 40-140              | 5   |      | 50            |
| Diethyl phthalate                                                                                                          | 84               |      | 81                |      | 40-140              | 4   |      | 50            |
| Dimethyl phthalate                                                                                                         | 87               |      | 85                |      | 40-140              | 2   |      | 50            |
| Benzo(a)anthracene                                                                                                         | 81               |      | 77                |      | 40-140              | 5   |      | 50            |
| Benzo(a)pyrene                                                                                                             | 90               |      | 87                |      | 40-140              | 3   |      | 50            |
| Benzo(b)fluoranthene                                                                                                       | 82               |      | 78                |      | 40-140              | 5   |      | 50            |
| Benzo(k)fluoranthene                                                                                                       | 81               |      | 77                |      | 40-140              | 5   |      | 50            |
| Chrysene                                                                                                                   | 76               |      | 74                |      | 40-140              | 3   |      | 50            |
| Acenaphthylene                                                                                                             | 92               |      | 89                |      | 40-140              | 3   |      | 50            |
| Anthracene                                                                                                                 | 80               |      | 78                |      | 40-140              | 3   |      | 50            |
| Benzo(ghi)perylene                                                                                                         | 80               |      | 75                |      | 40-140              | 6   |      | 50            |
| Fluorene                                                                                                                   | 80               |      | 76                |      | 40-140              | 5   |      | 50            |
| Phenanthrene                                                                                                               | 76               |      | 74                |      | 40-140              | 3   |      | 50            |
| Dibenzo(a,h)anthracene                                                                                                     | 83               |      | 79                |      | 40-140              | 5   |      | 50            |
| Indeno(1,2,3-cd)pyrene                                                                                                     | 88               |      | 83                |      | 40-140              | 6   |      | 50            |
| Pyrene                                                                                                                     | 78               |      | 74                |      | 35-142              | 5   |      | 50            |
| Biphenyl                                                                                                                   | 83               |      | 81                |      | 37-127              | 2   |      | 50            |
| 4-Chloroaniline                                                                                                            | 60               |      | 64                |      | 40-140              | 6   |      | 50            |
| 2-Nitroaniline                                                                                                             | 82               |      | 82                |      | 47-134              | 0   |      | 50            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                  | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19,21-22,24-25,28 Batch: WG1779775-2 WG1779775-3 |                  |      |                   |      |                     |     |      |               |
| 3-Nitroaniline                                                                                                             | 59               |      | 62                |      | 26-129              | 5   |      | 50            |
| 4-Nitroaniline                                                                                                             | 78               |      | 77                |      | 41-125              | 1   |      | 50            |
| Dibenzofuran                                                                                                               | 78               |      | 75                |      | 40-140              | 4   |      | 50            |
| 2-Methylnaphthalene                                                                                                        | 82               |      | 79                |      | 40-140              | 4   |      | 50            |
| 1,2,4,5-Tetrachlorobenzene                                                                                                 | 81               |      | 78                |      | 40-117              | 4   |      | 50            |
| Acetophenone                                                                                                               | 83               |      | 80                |      | 14-144              | 4   |      | 50            |
| 2,4,6-Trichlorophenol                                                                                                      | 89               |      | 88                |      | 30-130              | 1   |      | 50            |
| p-Chloro-m-cresol                                                                                                          | 90               |      | 88                |      | 26-103              | 2   |      | 50            |
| 2-Chlorophenol                                                                                                             | 82               |      | 78                |      | 25-102              | 5   |      | 50            |
| 2,4-Dichlorophenol                                                                                                         | 89               |      | 88                |      | 30-130              | 1   |      | 50            |
| 2,4-Dimethylphenol                                                                                                         | 89               |      | 86                |      | 30-130              | 3   |      | 50            |
| 2-Nitrophenol                                                                                                              | 80               |      | 79                |      | 30-130              | 1   |      | 50            |
| 4-Nitrophenol                                                                                                              | 82               |      | 81                |      | 11-114              | 1   |      | 50            |
| 2,4-Dinitrophenol                                                                                                          | 67               |      | 70                |      | 4-130               | 4   |      | 50            |
| 4,6-Dinitro-o-cresol                                                                                                       | 73               |      | 73                |      | 10-130              | 0   |      | 50            |
| Pentachlorophenol                                                                                                          | 73               |      | 72                |      | 17-109              | 1   |      | 50            |
| Phenol                                                                                                                     | 83               |      | 80                |      | 26-90               | 4   |      | 50            |
| 2-Methylphenol                                                                                                             | 86               |      | 82                |      | 30-130.             | 5   |      | 50            |
| 3-Methylphenol/4-Methylphenol                                                                                              | 88               |      | 85                |      | 30-130              | 3   |      | 50            |
| 2,4,5-Trichlorophenol                                                                                                      | 87               |      | 86                |      | 30-130              | 1   |      | 50            |
| Benzoic Acid                                                                                                               | 44               |      | 53                |      | 10-110              | 19  |      | 50            |
| Benzyl Alcohol                                                                                                             | 89               |      | 86                |      | 40-140              | 3   |      | 50            |
| Carbazole                                                                                                                  | 80               |      | 77                |      | 54-128              | 4   |      | 50            |



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                  | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19,21-22,24-25,28 Batch: WG1779775-2 WG1779775-3 |                  |      |                   |      |                     |     |      |               |
| 1,4-Dioxane                                                                                                                | 61               |      | 60                |      | 40-140              | 2   |      | 50            |

| Surrogate            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|----------------------|------------------|------|-------------------|------|------------------------|
| 2-Fluorophenol       | 81               |      | 78                |      | 25-120                 |
| Phenol-d6            | 85               |      | 82                |      | 10-120                 |
| Nitrobenzene-d5      | 80               |      | 78                |      | 23-120                 |
| 2-Fluorobiphenyl     | 83               |      | 80                |      | 30-120                 |
| 2,4,6-Tribromophenol | 81               |      | 79                |      | 10-136                 |
| 4-Terphenyl-d14      | 75               |      | 73                |      | 18-120                 |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1780813-2 WG1780813-3 |                  |      |                   |      |                     |     |      |               |
| Acenaphthene                                                                                                | 70               |      | 78                |      | 31-137              | 11  |      | 50            |
| 1,2,4-Trichlorobenzene                                                                                      | 73               |      | 82                |      | 38-107              | 12  |      | 50            |
| Hexachlorobenzene                                                                                           | 76               |      | 85                |      | 40-140              | 11  |      | 50            |
| Bis(2-chloroethyl)ether                                                                                     | 69               |      | 79                |      | 40-140              | 14  |      | 50            |
| 2-Chloronaphthalene                                                                                         | 74               |      | 82                |      | 40-140              | 10  |      | 50            |
| 1,2-Dichlorobenzene                                                                                         | 68               |      | 77                |      | 40-140              | 12  |      | 50            |
| 1,3-Dichlorobenzene                                                                                         | 66               |      | 75                |      | 40-140              | 13  |      | 50            |
| 1,4-Dichlorobenzene                                                                                         | 67               |      | 76                |      | 28-104              | 13  |      | 50            |
| 3,3'-Dichlorobenzidine                                                                                      | 58               |      | 60                |      | 40-140              | 3   |      | 50            |
| 2,4-Dinitrotoluene                                                                                          | 72               |      | 86                |      | 40-132              | 18  |      | 50            |
| 2,6-Dinitrotoluene                                                                                          | 75               |      | 88                |      | 40-140              | 16  |      | 50            |
| Fluoranthene                                                                                                | 70               |      | 79                |      | 40-140              | 12  |      | 50            |
| 4-Chlorophenyl phenyl ether                                                                                 | 72               |      | 80                |      | 40-140              | 11  |      | 50            |
| 4-Bromophenyl phenyl ether                                                                                  | 76               |      | 84                |      | 40-140              | 10  |      | 50            |
| Bis(2-chloroisopropyl)ether                                                                                 | 69               |      | 78                |      | 40-140              | 12  |      | 50            |
| Bis(2-chloroethoxy)methane                                                                                  | 78               |      | 87                |      | 40-117              | 11  |      | 50            |
| Hexachlorobutadiene                                                                                         | 68               |      | 78                |      | 40-140              | 14  |      | 50            |
| Hexachlorocyclopentadiene                                                                                   | 70               |      | 83                |      | 40-140              | 17  |      | 50            |
| Hexachloroethane                                                                                            | 68               |      | 77                |      | 40-140              | 12  |      | 50            |
| Isophorone                                                                                                  | 76               |      | 87                |      | 40-140              | 13  |      | 50            |
| Naphthalene                                                                                                 | 69               |      | 78                |      | 40-140              | 12  |      | 50            |
| Nitrobenzene                                                                                                | 74               |      | 83                |      | 40-140              | 11  |      | 50            |
| NDPA/DPA                                                                                                    | 75               |      | 85                |      | 36-157              | 13  |      | 50            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1780813-2 WG1780813-3 |                  |      |                   |      |                     |     |      |               |
| n-Nitrosodi-n-propylamine                                                                                   | 76               |      | 88                |      | 32-121              | 15  |      | 50            |
| Bis(2-ethylhexyl)phthalate                                                                                  | 70               |      | 78                |      | 40-140              | 11  |      | 50            |
| Butyl benzyl phthalate                                                                                      | 71               |      | 82                |      | 40-140              | 14  |      | 50            |
| Di-n-butylphthalate                                                                                         | 80               |      | 89                |      | 40-140              | 11  |      | 50            |
| Di-n-octylphthalate                                                                                         | 68               |      | 77                |      | 40-140              | 12  |      | 50            |
| Diethyl phthalate                                                                                           | 75               |      | 85                |      | 40-140              | 13  |      | 50            |
| Dimethyl phthalate                                                                                          | 76               |      | 87                |      | 40-140              | 13  |      | 50            |
| Benzo(a)anthracene                                                                                          | 72               |      | 80                |      | 40-140              | 11  |      | 50            |
| Benzo(a)pyrene                                                                                              | 78               |      | 90                |      | 40-140              | 14  |      | 50            |
| Benzo(b)fluoranthene                                                                                        | 71               |      | 80                |      | 40-140              | 12  |      | 50            |
| Benzo(k)fluoranthene                                                                                        | 72               |      | 82                |      | 40-140              | 13  |      | 50            |
| Chrysene                                                                                                    | 69               |      | 76                |      | 40-140              | 10  |      | 50            |
| Acenaphthylene                                                                                              | 82               |      | 92                |      | 40-140              | 11  |      | 50            |
| Anthracene                                                                                                  | 73               |      | 81                |      | 40-140              | 10  |      | 50            |
| Benzo(ghi)perylene                                                                                          | 72               |      | 81                |      | 40-140              | 12  |      | 50            |
| Fluorene                                                                                                    | 72               |      | 82                |      | 40-140              | 13  |      | 50            |
| Phenanthrene                                                                                                | 69               |      | 77                |      | 40-140              | 11  |      | 50            |
| Dibenzo(a,h)anthracene                                                                                      | 74               |      | 82                |      | 40-140              | 10  |      | 50            |
| Indeno(1,2,3-cd)pyrene                                                                                      | 76               |      | 86                |      | 40-140              | 12  |      | 50            |
| Pyrene                                                                                                      | 70               |      | 78                |      | 35-142              | 11  |      | 50            |
| Biphenyl                                                                                                    | 74               |      | 84                |      | 37-127              | 13  |      | 50            |
| 4-Chloroaniline                                                                                             | 68               |      | 73                |      | 40-140              | 7   |      | 50            |
| 2-Nitroaniline                                                                                              | 74               |      | 86                |      | 47-134              | 15  |      | 50            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1780813-2 WG1780813-3 |                  |      |                   |      |                     |     |      |               |
| 3-Nitroaniline                                                                                              | 62               |      | 67                |      | 26-129              | 8   |      | 50            |
| 4-Nitroaniline                                                                                              | 68               |      | 79                |      | 41-125              | 15  |      | 50            |
| Dibenzofuran                                                                                                | 71               |      | 80                |      | 40-140              | 12  |      | 50            |
| 2-Methylnaphthalene                                                                                         | 75               |      | 83                |      | 40-140              | 10  |      | 50            |
| 1,2,4,5-Tetrachlorobenzene                                                                                  | 74               |      | 83                |      | 40-117              | 11  |      | 50            |
| Acetophenone                                                                                                | 73               |      | 83                |      | 14-144              | 13  |      | 50            |
| 2,4,6-Trichlorophenol                                                                                       | 76               |      | 90                |      | 30-130              | 17  |      | 50            |
| p-Chloro-m-cresol                                                                                           | 78               |      | 90                |      | 26-103              | 14  |      | 50            |
| 2-Chlorophenol                                                                                              | 74               |      | 84                |      | 25-102              | 13  |      | 50            |
| 2,4-Dichlorophenol                                                                                          | 77               |      | 89                |      | 30-130              | 14  |      | 50            |
| 2,4-Dimethylphenol                                                                                          | 77               |      | 88                |      | 30-130              | 13  |      | 50            |
| 2-Nitrophenol                                                                                               | 64               |      | 78                |      | 30-130              | 20  |      | 50            |
| 4-Nitrophenol                                                                                               | 71               |      | 87                |      | 11-114              | 20  |      | 50            |
| 2,4-Dinitrophenol                                                                                           | 53               |      | 66                |      | 4-130               | 22  |      | 50            |
| 4,6-Dinitro-o-cresol                                                                                        | 67               |      | 80                |      | 10-130              | 18  |      | 50            |
| Pentachlorophenol                                                                                           | 56               |      | 69                |      | 17-109              | 21  |      | 50            |
| Phenol                                                                                                      | 73               |      | 82                |      | 26-90               | 12  |      | 50            |
| 2-Methylphenol                                                                                              | 75               |      | 84                |      | 30-130              | 11  |      | 50            |
| 3-Methylphenol/4-Methylphenol                                                                               | 76               |      | 86                |      | 30-130              | 12  |      | 50            |
| 2,4,5-Trichlorophenol                                                                                       | 76               |      | 88                |      | 30-130              | 15  |      | 50            |
| Benzoic Acid                                                                                                | 24               |      | 40                |      | 10-110              | 50  |      | 50            |
| Benzyl Alcohol                                                                                              | 78               |      | 89                |      | 40-140              | 13  |      | 50            |
| Carbazole                                                                                                   | 71               |      | 80                |      | 54-128              | 12  |      | 50            |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Lab Number:** L2327188

**Project Number:** 0205563

**Report Date:** 06/07/23

| <b>Parameter</b>                                                                                            | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>%Recovery<br/>Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD<br/>Limits</b> |
|-------------------------------------------------------------------------------------------------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1780813-2 WG1780813-3 |                          |             |                           |             |                             |            |             |                       |
| 1,4-Dioxane                                                                                                 | 54                       |             | 60                        |             | 40-140                      | 11         |             | 50                    |

| <b>Surrogate</b>     | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>Acceptance<br/>Criteria</b> |
|----------------------|--------------------------|-------------|---------------------------|-------------|--------------------------------|
| 2-Fluorophenol       | 71                       |             | 81                        |             | 25-120                         |
| Phenol-d6            | 74                       |             | 84                        |             | 10-120                         |
| Nitrobenzene-d5      | 71                       |             | 83                        |             | 23-120                         |
| 2-Fluorobiphenyl     | 72                       |             | 82                        |             | 30-120                         |
| 2,4,6-Tribromophenol | 73                       |             | 87                        |             | 10-136                         |
| 4-Terphenyl-d14      | 67                       |             | 78                        |             | 18-120                         |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                              | Low Level<br>LCS<br>%Recovery | Qual | Low Level<br>LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------|--------------------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1782630-2 LOW LEVEL |                               |      |                                |      |                     |     |      |               |
| Perfluorobutanoic Acid (PFBA)                                                                                                                          | 94                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluoropentanoic Acid (PFPeA)                                                                                                                        | 76                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorobutanesulfonic Acid (PFBS)                                                                                                                    | 124                           |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorohexanoic Acid (PFHxA)                                                                                                                         | 88                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluoroheptanoic Acid (PFHpA)                                                                                                                        | 78                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorohexanesulfonic Acid (PFHxS)                                                                                                                   | 85                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorooctanoic Acid (PFOA)                                                                                                                          | 72                            |      | -                              |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)                                                                                                      | 95                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluoroheptanesulfonic Acid (PFHpS)                                                                                                                  | 76                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorononanoic Acid (PFNA)                                                                                                                          | 88                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonic Acid (PFOS)                                                                                                                    | 105                           |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorodecanoic Acid (PFDA)                                                                                                                          | 100                           |      | -                              |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)                                                                                                      | 76                            |      | -                              |      | 40-150              | -   |      | 30            |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)                                                                                              | 95                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluoroundecanoic Acid (PFUnA)                                                                                                                       | 105                           |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorodecanesulfonic Acid (PFDS)                                                                                                                    | 78                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonamide (PFOSA)                                                                                                                     | 85                            |      | -                              |      | 40-150              | -   |      | 30            |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)                                                                                               | 78                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorododecanoic Acid (PFDoA)                                                                                                                       | 78                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorotridecanoic Acid (PFTTrDA)                                                                                                                    | 92                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorotetradecanoic Acid (PFTeDA)                                                                                                                   | 98                            |      | -                              |      | 40-150              | -   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

| Parameter                                                                                                                                              | Low Level<br>LCS<br>%Recovery | Qual | Low Level<br>LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------|--------------------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1782630-2 LOW LEVEL |                               |      |                                |      |                     |     |      |               |

| Surrogate                                                           | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|---------------------------------------------------------------------|------------------|------|-------------------|------|------------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 92               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 98               |      |                   |      | 20-150                 |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 75               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 98               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 106              |      |                   |      | 20-150                 |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 92               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 100              |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 96               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 90               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 87               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 86               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 95               |      |                   |      | 20-150                 |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 92               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 87               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 74               |      |                   |      | 20-150                 |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 100              |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 66               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 53               |      |                   |      | 20-150                 |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                    | LCS<br>%Recovery | Qual | LCS<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------------|------|------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1782630-3 |                  |      |                  |      |                     |     |      |               |
| Perfluorobutanoic Acid (PFBA)                                                                                                                | 99               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluoropentanoic Acid (PFPeA)                                                                                                              | 89               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorobutanesulfonic Acid (PFBS)                                                                                                          | 104              |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorohexanoic Acid (PFHxA)                                                                                                               | 102              |      | -                |      | 40-150              | -   |      | 30            |
| Perfluoroheptanoic Acid (PFHpA)                                                                                                              | 76               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorohexanesulfonic Acid (PFHxS)                                                                                                         | 80               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorooctanoic Acid (PFOA)                                                                                                                | 74               |      | -                |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)                                                                                            | 103              |      | -                |      | 40-150              | -   |      | 30            |
| Perfluoroheptanesulfonic Acid (PFHpS)                                                                                                        | 80               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorononanoic Acid (PFNA)                                                                                                                | 101              |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonic Acid (PFOS)                                                                                                          | 94               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorodecanoic Acid (PFDA)                                                                                                                | 87               |      | -                |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)                                                                                            | 79               |      | -                |      | 40-150              | -   |      | 30            |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)                                                                                    | 108              |      | -                |      | 40-150              | -   |      | 30            |
| Perfluoroundecanoic Acid (PFUnA)                                                                                                             | 92               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorodecanesulfonic Acid (PFDS)                                                                                                          | 89               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonamide (PFOSA)                                                                                                           | 90               |      | -                |      | 40-150              | -   |      | 30            |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)                                                                                     | 80               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorododecanoic Acid (PFDoA)                                                                                                             | 83               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorotridecanoic Acid (PFTrDA)                                                                                                           | 88               |      | -                |      | 40-150              | -   |      | 30            |
| Perfluorotetradecanoic Acid (PFTeDA)                                                                                                         | 113              |      | -                |      | 40-150              | -   |      | 30            |



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

| Parameter                                                                                                                                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1782630-3 |                  |      |                   |      |                     |     |      |               |

| Surrogate                                                           | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|---------------------------------------------------------------------|------------------|------|-------------------|------|------------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 90               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 83               |      |                   |      | 20-150                 |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 90               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 80               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 104              |      |                   |      | 20-150                 |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 94               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 97               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 99               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 87               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 85               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 89               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 95               |      |                   |      | 20-150                 |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 90               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 94               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 77               |      |                   |      | 20-150                 |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 114              |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 76               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 54               |      |                   |      | 20-150                 |

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                                                       | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19,21-22,24-25,28 QC Batch ID: WG1779775-6 WG1779775-7 QC Sample: L2327188-18 Client ID: SRI-01_14-16 |               |          |          |              |      |           |               |      |                 |     |      |            |
| Acenaphthene                                                                                                                                                                    | ND            | 1350     | 920      | 68           |      | 1000      | 74            |      | 31-137          | 8   |      | 50         |
| 1,2,4-Trichlorobenzene                                                                                                                                                          | ND            | 1350     | 980      | 73           |      | 1100      | 82            |      | 38-107          | 12  |      | 50         |
| Hexachlorobenzene                                                                                                                                                               | ND            | 1350     | 960      | 71           |      | 1000      | 74            |      | 40-140          | 4   |      | 50         |
| Bis(2-chloroethyl)ether                                                                                                                                                         | ND            | 1350     | 960      | 71           |      | 1100      | 82            |      | 40-140          | 14  |      | 50         |
| 2-Chloronaphthalene                                                                                                                                                             | ND            | 1350     | 970      | 72           |      | 1100      | 82            |      | 40-140          | 13  |      | 50         |
| 1,2-Dichlorobenzene                                                                                                                                                             | ND            | 1350     | 920      | 68           |      | 1100      | 82            |      | 40-140          | 18  |      | 50         |
| 1,3-Dichlorobenzene                                                                                                                                                             | ND            | 1350     | 880      | 65           |      | 1000      | 74            |      | 40-140          | 13  |      | 50         |
| 1,4-Dichlorobenzene                                                                                                                                                             | ND            | 1350     | 900      | 67           |      | 1000      | 74            |      | 28-104          | 11  |      | 50         |
| 3,3'-Dichlorobenzidine                                                                                                                                                          | ND            | 1350     | 830      | 61           |      | 910       | 68            |      | 40-140          | 9   |      | 50         |
| 2,4-Dinitrotoluene                                                                                                                                                              | ND            | 1350     | 980      | 73           |      | 1100      | 82            |      | 40-132          | 12  |      | 50         |
| 2,6-Dinitrotoluene                                                                                                                                                              | ND            | 1350     | 1000     | 74           |      | 1200      | 89            |      | 40-140          | 18  |      | 50         |
| Fluoranthene                                                                                                                                                                    | ND            | 1350     | 950      | 70           |      | 1100      | 82            |      | 40-140          | 15  |      | 50         |
| 4-Chlorophenyl phenyl ether                                                                                                                                                     | ND            | 1350     | 930      | 69           |      | 1000      | 74            |      | 40-140          | 7   |      | 50         |
| 4-Bromophenyl phenyl ether                                                                                                                                                      | ND            | 1350     | 930      | 69           |      | 1000      | 74            |      | 40-140          | 7   |      | 50         |
| Bis(2-chloroisopropyl)ether                                                                                                                                                     | ND            | 1350     | 1000     | 74           |      | 1200      | 89            |      | 40-140          | 18  |      | 50         |
| Bis(2-chloroethoxy)methane                                                                                                                                                      | ND            | 1350     | 1100     | 81           |      | 1200      | 89            |      | 40-117          | 9   |      | 50         |
| Hexachlorobutadiene                                                                                                                                                             | ND            | 1350     | 870      | 64           |      | 1000      | 74            |      | 40-140          | 14  |      | 50         |
| Hexachlorocyclopentadiene                                                                                                                                                       | ND            | 1350     | 980      | 73           |      | 1100      | 82            |      | 40-140          | 12  |      | 50         |
| Hexachloroethane                                                                                                                                                                | ND            | 1350     | 910      | 67           |      | 1000      | 74            |      | 40-140          | 9   |      | 50         |
| Isophorone                                                                                                                                                                      | ND            | 1350     | 1100     | 81           |      | 1200      | 89            |      | 40-140          | 9   |      | 50         |
| Naphthalene                                                                                                                                                                     | ND            | 1350     | 910      | 67           |      | 1000      | 74            |      | 40-140          | 9   |      | 50         |
| Nitrobenzene                                                                                                                                                                    | ND            | 1350     | 1000     | 74           |      | 1200      | 89            |      | 40-140          | 18  |      | 50         |
| NDPA/DPA                                                                                                                                                                        | ND            | 1350     | 990      | 73           |      | 1100      | 82            |      | 36-157          | 11  |      | 50         |

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                                                       | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19,21-22,24-25,28 QC Batch ID: WG1779775-6 WG1779775-7 QC Sample: L2327188-18 Client ID: SRI-01_14-16 |               |          |          |              |      |           |               |      |                 |     |      |            |
| n-Nitrosodi-n-propylamine                                                                                                                                                       | ND            | 1350     | 1100     | 81           |      | 1200      | 89            |      | 32-121          | 9   |      | 50         |
| Bis(2-ethylhexyl)phthalate                                                                                                                                                      | ND            | 1350     | 940      | 70           |      | 1000      | 74            |      | 40-140          | 6   |      | 50         |
| Butyl benzyl phthalate                                                                                                                                                          | ND            | 1350     | 970      | 72           |      | 1100      | 82            |      | 40-140          | 13  |      | 50         |
| Di-n-butylphthalate                                                                                                                                                             | ND            | 1350     | 1100     | 81           |      | 1200      | 89            |      | 40-140          | 9   |      | 50         |
| Di-n-octylphthalate                                                                                                                                                             | ND            | 1350     | 960      | 71           |      | 1000      | 74            |      | 40-140          | 4   |      | 50         |
| Diethyl phthalate                                                                                                                                                               | ND            | 1350     | 1000     | 74           |      | 1100      | 82            |      | 40-140          | 10  |      | 50         |
| Dimethyl phthalate                                                                                                                                                              | ND            | 1350     | 1000     | 74           |      | 1100      | 82            |      | 40-140          | 10  |      | 50         |
| Benzo(a)anthracene                                                                                                                                                              | ND            | 1350     | 940      | 70           |      | 1000      | 74            |      | 40-140          | 6   |      | 50         |
| Benzo(a)pyrene                                                                                                                                                                  | ND            | 1350     | 1000     | 74           |      | 1200      | 89            |      | 40-140          | 18  |      | 50         |
| Benzo(b)fluoranthene                                                                                                                                                            | ND            | 1350     | 940      | 70           |      | 1100      | 82            |      | 40-140          | 16  |      | 50         |
| Benzo(k)fluoranthene                                                                                                                                                            | ND            | 1350     | 940      | 70           |      | 1000      | 74            |      | 40-140          | 6   |      | 50         |
| Chrysene                                                                                                                                                                        | ND            | 1350     | 900      | 67           |      | 990       | 74            |      | 40-140          | 10  |      | 50         |
| Acenaphthylene                                                                                                                                                                  | ND            | 1350     | 1100     | 81           |      | 1200      | 89            |      | 40-140          | 9   |      | 50         |
| Anthracene                                                                                                                                                                      | ND            | 1350     | 960      | 71           |      | 1100      | 82            |      | 40-140          | 14  |      | 50         |
| Benzo(ghi)perylene                                                                                                                                                              | ND            | 1350     | 950      | 70           |      | 1100      | 82            |      | 40-140          | 15  |      | 50         |
| Fluorene                                                                                                                                                                        | ND            | 1350     | 960      | 71           |      | 1100      | 82            |      | 40-140          | 14  |      | 50         |
| Phenanthrene                                                                                                                                                                    | ND            | 1350     | 920      | 68           |      | 1000      | 74            |      | 40-140          | 8   |      | 50         |
| Dibenzo(a,h)anthracene                                                                                                                                                          | ND            | 1350     | 970      | 72           |      | 1100      | 82            |      | 40-140          | 13  |      | 50         |
| Indeno(1,2,3-cd)pyrene                                                                                                                                                          | ND            | 1350     | 1000     | 74           |      | 1200      | 89            |      | 40-140          | 18  |      | 50         |
| Pyrene                                                                                                                                                                          | ND            | 1350     | 930      | 69           |      | 1000      | 74            |      | 35-142          | 7   |      | 50         |
| Biphenyl                                                                                                                                                                        | ND            | 1350     | 990      | 73           |      | 1100      | 82            |      | 37-127          | 11  |      | 50         |
| 4-Chloroaniline                                                                                                                                                                 | ND            | 1350     | 850      | 63           |      | 890       | 66            |      | 40-140          | 5   |      | 50         |
| 2-Nitroaniline                                                                                                                                                                  | ND            | 1350     | 990      | 73           |      | 1100      | 82            |      | 47-134          | 11  |      | 50         |

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                                                       | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19,21-22,24-25,28 QC Batch ID: WG1779775-6 WG1779775-7 QC Sample: L2327188-18 Client ID: SRI-01_14-16 |               |          |          |              |      |           |               |      |                 |     |      |            |
| 3-Nitroaniline                                                                                                                                                                  | ND            | 1350     | 810      | 60           |      | 890       | 66            |      | 26-129          | 9   |      | 50         |
| 4-Nitroaniline                                                                                                                                                                  | ND            | 1350     | 920      | 68           |      | 990       | 74            |      | 41-125          | 7   |      | 50         |
| Dibenzofuran                                                                                                                                                                    | ND            | 1350     | 930      | 69           |      | 1000      | 74            |      | 40-140          | 7   |      | 50         |
| 2-Methylnaphthalene                                                                                                                                                             | ND            | 1350     | 980      | 73           |      | 1100      | 82            |      | 40-140          | 12  |      | 50         |
| 1,2,4,5-Tetrachlorobenzene                                                                                                                                                      | ND            | 1350     | 960      | 71           |      | 1100      | 82            |      | 40-117          | 14  |      | 50         |
| Acetophenone                                                                                                                                                                    | ND            | 1350     | 1000     | 74           |      | 1200      | 89            |      | 14-144          | 18  |      | 50         |
| 2,4,6-Trichlorophenol                                                                                                                                                           | ND            | 1350     | 1100     | 81           |      | 1200      | 89            |      | 30-130          | 9   |      | 50         |
| p-Chloro-m-cresol                                                                                                                                                               | ND            | 1350     | 1000     | 74           |      | 1200      | 89            |      | 26-103          | 18  |      | 50         |
| 2-Chlorophenol                                                                                                                                                                  | ND            | 1350     | 990      | 73           |      | 1100      | 82            |      | 25-102          | 11  |      | 50         |
| 2,4-Dichlorophenol                                                                                                                                                              | ND            | 1350     | 1100     | 81           |      | 1200      | 89            |      | 30-130          | 9   |      | 50         |
| 2,4-Dimethylphenol                                                                                                                                                              | ND            | 1350     | 980      | 73           |      | 1100      | 82            |      | 30-130          | 12  |      | 50         |
| 2-Nitrophenol                                                                                                                                                                   | ND            | 1350     | 1000     | 74           |      | 1200      | 89            |      | 30-130          | 18  |      | 50         |
| 4-Nitrophenol                                                                                                                                                                   | ND            | 1350     | 980      | 73           |      | 1000      | 74            |      | 11-114          | 2   |      | 50         |
| 2,4-Dinitrophenol                                                                                                                                                               | ND            | 1350     | 490J     | 36           |      | 430J      | 32            |      | 4-130           | 13  |      | 50         |
| 4,6-Dinitro-o-cresol                                                                                                                                                            | ND            | 1350     | 840      | 62           |      | 910       | 68            |      | 10-130          | 8   |      | 50         |
| Pentachlorophenol                                                                                                                                                               | ND            | 1350     | 900      | 67           |      | 1000      | 74            |      | 17-109          | 11  |      | 50         |
| Phenol                                                                                                                                                                          | ND            | 1350     | 980      | 73           |      | 1100      | 82            |      | 26-90           | 12  |      | 50         |
| 2-Methylphenol                                                                                                                                                                  | ND            | 1350     | 1000     | 74           |      | 1100      | 82            |      | 30-130.         | 10  |      | 50         |
| 3-Methylphenol/4-Methylphenol                                                                                                                                                   | ND            | 1350     | 1000     | 74           |      | 1200      | 89            |      | 30-130          | 18  |      | 50         |
| 2,4,5-Trichlorophenol                                                                                                                                                           | ND            | 1350     | 1100     | 81           |      | 1200      | 89            |      | 30-130          | 9   |      | 50         |
| Benzoic Acid                                                                                                                                                                    | ND            | 1350     | 550      | 41           |      | 530J      | 39            |      | 10-110          | 4   |      | 50         |
| Benzyl Alcohol                                                                                                                                                                  | ND            | 1350     | 1100     | 81           |      | 1200      | 89            |      | 40-140          | 9   |      | 50         |
| Carbazole                                                                                                                                                                       | ND            | 1350     | 960      | 71           |      | 1100      | 82            |      | 54-128          | 14  |      | 50         |

**Matrix Spike Analysis****Batch Quality Control****Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23

| <b>Parameter</b>                                                                                                                                                                | <b>Native Sample</b> | <b>MS Added</b> | <b>MS Found</b> | <b>MS %Recovery</b> | <b>Qual</b> | <b>MSD Found</b> | <b>MSD %Recovery</b> | <b>Qual</b> | <b>Recovery Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD Limits</b> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------|-----------------|---------------------|-------------|------------------|----------------------|-------------|------------------------|------------|-------------|-------------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19,21-22,24-25,28 QC Batch ID: WG1779775-6 WG1779775-7 QC Sample: L2327188-18 Client ID: SRI-01_14-16 |                      |                 |                 |                     |             |                  |                      |             |                        |            |             |                   |
| 1,4-Dioxane                                                                                                                                                                     | ND                   | 1350            | 710             | 53                  |             | 820              | 61                   |             | 40-140                 | 14         |             | 50                |

| <b>Surrogate</b>     | <b>MS % Recovery</b> | <b>Qualifier</b> | <b>MSD % Recovery</b> | <b>Qualifier</b> | <b>Acceptance Criteria</b> |
|----------------------|----------------------|------------------|-----------------------|------------------|----------------------------|
| 2,4,6-Tribromophenol | 76                   |                  | 85                    |                  | 10-136                     |
| 2-Fluorobiphenyl     | 73                   |                  | 83                    |                  | 30-120                     |
| 2-Fluorophenol       | 74                   |                  | 85                    |                  | 25-120                     |
| 4-Terphenyl-d14      | 69                   |                  | 77                    |                  | 18-120                     |
| Nitrobenzene-d5      | 77                   |                  | 89                    |                  | 23-120                     |
| Phenol-d6            | 76                   |                  | 89                    |                  | 10-120                     |

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                                                                                        | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 QC Batch ID: WG1782630-4<br>WG1782630-5 QC Sample: L2327188-18 Client ID: SRI-01_14-16 |               |          |          |              |      |           |               |      |                 |     |      |            |
| Perfluorobutanoic Acid (PFBA)                                                                                                                                                                                    | ND            | 7.91     | 7.73     | 98           |      | 8.04      | 101           |      | 40-150          | 4   |      | 30         |
| Perfluoropentanoic Acid (PFPeA)                                                                                                                                                                                  | ND            | 3.95     | 3.17     | 80           |      | 3.42      | 86            |      | 40-150          | 8   |      | 30         |
| Perfluorobutanesulfonic Acid (PFBS)                                                                                                                                                                              | ND            | 1.75     | 1.90     | 108          |      | 1.86      | 105           |      | 40-150          | 2   |      | 30         |
| Perfluorohexanoic Acid (PFHxA)                                                                                                                                                                                   | ND            | 1.98     | 1.77     | 90           |      | 1.92      | 96            |      | 40-150          | 8   |      | 30         |
| Perfluoroheptanoic Acid (PFHpA)                                                                                                                                                                                  | ND            | 1.98     | 1.53     | 77           |      | 1.64      | 82            |      | 40-150          | 7   |      | 30         |
| Perfluorohexanesulfonic Acid (PFHxS)                                                                                                                                                                             | ND            | 1.81     | 1.44     | 80           |      | 1.44      | 79            |      | 40-150          | 0   |      | 30         |
| Perfluorooctanoic Acid (PFOA)                                                                                                                                                                                    | ND            | 1.98     | 1.65     | 84           |      | 1.58      | 79            |      | 40-150          | 4   |      | 30         |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)                                                                                                                                                                | ND            | 7.51     | 7.55     | 101          |      | 8.08      | 107           |      | 40-150          | 7   |      | 30         |
| Perfluoroheptanesulfonic Acid (PFHpS)                                                                                                                                                                            | ND            | 1.88     | 1.52     | 81           |      | 1.53      | 80            |      | 40-150          | 1   |      | 30         |
| Perfluorononanoic Acid (PFNA)                                                                                                                                                                                    | ND            | 1.98     | 1.93     | 98           |      | 2.07      | 104           |      | 40-150          | 7   |      | 30         |
| Perfluorooctanesulfonic Acid (PFOS)                                                                                                                                                                              | ND            | 1.83     | 1.83     | 100          |      | 1.85      | 100           |      | 40-150          | 1   |      | 30         |
| Perfluorodecanoic Acid (PFDA)                                                                                                                                                                                    | ND            | 1.98     | 1.57     | 79           |      | 1.60      | 80            |      | 40-150          | 2   |      | 30         |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)                                                                                                                                                                | ND            | 7.59     | 6.53     | 86           |      | 7.06      | 92            |      | 40-150          | 8   |      | 30         |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)                                                                                                                                                        | ND            | 1.98     | 2.05     | 104          |      | 2.03      | 102           |      | 40-150          | 1   |      | 30         |
| Perfluoroundecanoic Acid (PFUnA)                                                                                                                                                                                 | ND            | 1.98     | 2.02     | 102          |      | 2.20      | 110           |      | 40-150          | 9   |      | 30         |
| Perfluorodecanesulfonic Acid (PFDS)                                                                                                                                                                              | ND            | 1.91     | 1.58     | 83           |      | 1.75      | 91            |      | 40-150          | 10  |      | 30         |
| Perfluorooctanesulfonamide (PFOSA)                                                                                                                                                                               | ND            | 1.98     | 1.73     | 88           |      | 1.80      | 90            |      | 40-150          | 4   |      | 30         |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)                                                                                                                                                         | ND            | 1.98     | 1.47     | 74           |      | 1.54      | 77            |      | 40-150          | 5   |      | 30         |
| Perfluorododecanoic Acid (PFDoA)                                                                                                                                                                                 | ND            | 1.98     | 1.64     | 83           |      | 1.60      | 80            |      | 40-150          | 2   |      | 30         |
| Perfluorotridecanoic Acid (PFTrDA)                                                                                                                                                                               | ND            | 1.98     | 1.74     | 88           |      | 1.56      | 78            |      | 40-150          | 11  |      | 30         |
| Perfluorotetradecanoic Acid (PFTeDA)                                                                                                                                                                             | ND            | 1.98     | 2.36     | 119          |      | 2.27      | 114           |      | 40-150          | 4   |      | 30         |

**Matrix Spike Analysis****Batch Quality Control****Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23

| <b>Parameter</b>                                                                                                                                                                                                 | <b>Native Sample</b> | <b>MS Added</b> | <b>MS Found</b> | <b>MS %Recovery</b> | <b>Qual</b> | <b>MSD Found</b> | <b>MSD %Recovery</b> | <b>Qual</b> | <b>Recovery Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD Limits</b> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------|-----------------|---------------------|-------------|------------------|----------------------|-------------|------------------------|------------|-------------|-------------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 QC Batch ID: WG1782630-4<br>WG1782630-5 QC Sample: L2327188-18 Client ID: SRI-01_14-16 |                      |                 |                 |                     |             |                  |                      |             |                        |            |             |                   |

| <b>Surrogate</b>                                                    | <b>MS % Recovery</b> | <b>Qualifier</b> | <b>MSD % Recovery</b> | <b>Qualifier</b> | <b>Acceptance Criteria</b> |
|---------------------------------------------------------------------|----------------------|------------------|-----------------------|------------------|----------------------------|
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 88                   |                  | 84                    |                  | 20-150                     |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 97                   |                  | 96                    |                  | 20-150                     |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 108                  |                  | 118                   |                  | 20-150                     |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 83                   |                  | 95                    |                  | 20-150                     |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 90                   |                  | 91                    |                  | 20-150                     |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 78                   |                  | 80                    |                  | 20-150                     |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 87                   |                  | 85                    |                  | 20-150                     |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 85                   |                  | 87                    |                  | 20-150                     |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 96                   |                  | 86                    |                  | 20-150                     |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 94                   |                  | 82                    |                  | 20-150                     |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 96                   |                  | 86                    |                  | 20-150                     |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 107                  |                  | 104                   |                  | 20-150                     |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 72                   |                  | 72                    |                  | 20-150                     |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 50                   |                  | 47                    |                  | 20-150                     |
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 90                   |                  | 88                    |                  | 20-150                     |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 96                   |                  | 86                    |                  | 20-150                     |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 87                   |                  | 89                    |                  | 20-150                     |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 83                   |                  | 82                    |                  | 20-150                     |

# **PETROLEUM HYDROCARBONS**



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-14  
**Client ID:** WC-B-GRAB\_3-4  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 13:10  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8015D(M)  
**Analytical Date:** 05/22/23 17:58  
**Analyst:** MKS  
**Percent Solids:** 86%

**Extraction Method:**

| Parameter                                 | Result     | Qualifier | Units     | RL                  | MDL | Dilution Factor |
|-------------------------------------------|------------|-----------|-----------|---------------------|-----|-----------------|
| Gasoline Range Organics - Westborough Lab |            |           |           |                     |     |                 |
| Gasoline Range Organics                   | 1200       | J         | ug/kg     | 3500                | 67. | 1               |
| Surrogate                                 | % Recovery |           | Qualifier | Acceptance Criteria |     |                 |
| 1,1,1-Trifluorotoluene                    | 102        |           |           | 70-130              |     |                 |
| 4-Bromofluorobenzene                      | 96         |           |           | 70-130              |     |                 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-15  
**Client ID:** WC-B-GRAB\_7-8  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 12:55  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8015D(M)  
**Analytical Date:** 05/23/23 10:08  
**Analyst:** BAD  
**Percent Solids:** 87%

**Extraction Method:**

| Parameter                                 | Result     | Qualifier | Units     | RL                  | MDL | Dilution Factor |
|-------------------------------------------|------------|-----------|-----------|---------------------|-----|-----------------|
| Gasoline Range Organics - Westborough Lab |            |           |           |                     |     |                 |
| Gasoline Range Organics                   | 31000      |           | ug/kg     | 4500                | 86. | 1               |
| Surrogate                                 | % Recovery |           | Qualifier | Acceptance Criteria |     |                 |
| 1,1,1-Trifluorotoluene                    | 106        |           |           | 70-130              |     |                 |
| 4-Bromofluorobenzene                      | 87         |           |           | 70-130              |     |                 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-16  
**Client ID:** WC-B-GRAB\_11-12  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 13:00  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8015D(M)  
**Analytical Date:** 05/23/23 10:38  
**Analyst:** BAD  
**Percent Solids:** 84%

**Extraction Method:**

| Parameter                                 | Result     | Qualifier | Units     | RL                  | MDL | Dilution Factor |
|-------------------------------------------|------------|-----------|-----------|---------------------|-----|-----------------|
| Gasoline Range Organics - Westborough Lab |            |           |           |                     |     |                 |
| Gasoline Range Organics                   | 26000      |           | ug/kg     | 2700                | 52. | 1               |
| Surrogate                                 | % Recovery |           | Qualifier | Acceptance Criteria |     |                 |
| 1,1,1-Trifluorotoluene                    | 103        |           |           | 70-130              |     |                 |
| 4-Bromofluorobenzene                      | 86         |           |           | 70-130              |     |                 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-17  
**Client ID:** WC-B-GRAB\_15-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 13:05  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8015D(M)  
**Analytical Date:** 05/22/23 19:31  
**Analyst:** MKS  
**Percent Solids:** 91%

**Extraction Method:**

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|-----------|--------|-----------|-------|----|-----|-----------------|
|-----------|--------|-----------|-------|----|-----|-----------------|

|                                           |  |  |  |  |  |  |
|-------------------------------------------|--|--|--|--|--|--|
| Gasoline Range Organics - Westborough Lab |  |  |  |  |  |  |
|-------------------------------------------|--|--|--|--|--|--|

|                         |      |   |       |      |     |   |
|-------------------------|------|---|-------|------|-----|---|
| Gasoline Range Organics | 1300 | J | ug/kg | 2700 | 51. | 1 |
|-------------------------|------|---|-------|------|-----|---|

| Surrogate              | % Recovery | Qualifier | Acceptance Criteria |
|------------------------|------------|-----------|---------------------|
| 1,1,1-Trifluorotoluene | 103        |           | 70-130              |
| 4-Bromofluorobenzene   | 82         |           | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8015D(M)  
 Analytical Date: 05/22/23 15:54  
 Analyst: KJD

| Parameter                                                                         | Result | Qualifier | Units | RL   | MDL |
|-----------------------------------------------------------------------------------|--------|-----------|-------|------|-----|
| Gasoline Range Organics - Westborough Lab for sample(s): 14,17 Batch: WG1782152-4 |        |           |       |      |     |
| Gasoline Range Organics                                                           | 860    | J         | ug/kg | 2500 | 48. |

| Surrogate              | %Recovery | Qualifier | Acceptance Criteria |
|------------------------|-----------|-----------|---------------------|
| 1,1,1-Trifluorotoluene | 88        |           | 70-130              |
| 4-Bromofluorobenzene   | 68        | Q         | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8015D(M)  
 Analytical Date: 05/23/23 09:38  
 Analyst: BAD

| Parameter                                                                         | Result | Qualifier | Units | RL   | MDL |
|-----------------------------------------------------------------------------------|--------|-----------|-------|------|-----|
| Gasoline Range Organics - Westborough Lab for sample(s): 15-16 Batch: WG1782361-4 |        |           |       |      |     |
| Gasoline Range Organics                                                           | 680    | J         | ug/kg | 2500 | 48. |

| Surrogate              | %Recovery | Qualifier | Acceptance<br>Criteria |
|------------------------|-----------|-----------|------------------------|
| 1,1,1-Trifluorotoluene | 97        |           | 70-130                 |
| 4-Bromofluorobenzene   | 87        |           | 70-130                 |

**Lab Control Sample Analysis****Batch Quality Control****Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23

| <b>Parameter</b>                                                                                     | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>%Recovery<br/>Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD<br/>Limits</b> |
|------------------------------------------------------------------------------------------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|
| Gasoline Range Organics - Westborough Lab Associated sample(s): 14,17 Batch: WG1782152-2 WG1782152-3 |                          |             |                           |             |                             |            |             |                       |
| Gasoline Range Organics                                                                              | 89                       |             | 82                        |             | 80-120                      | 8          |             | 20                    |

| <b>Surrogate</b>       | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>Acceptance<br/>Criteria</b> |
|------------------------|--------------------------|-------------|---------------------------|-------------|--------------------------------|
| 1,1,1-Trifluorotoluene | 97                       |             | 95                        |             | 70-130                         |
| 4-Bromofluorobenzene   | 75                       |             | 73                        |             | 70-130                         |

# Lab Control Sample Analysis

## Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Gasoline Range Organics - Westborough Lab Associated sample(s): 15-16 Batch: WG1782361-2 WG1782361-3 |                  |      |                   |      |                     |     |      |               |
| Gasoline Range Organics                                                                              | 87               |      | 88                |      | 80-120              | 1   |      | 20            |

| Surrogate              | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|------------------------|------------------|------|-------------------|------|------------------------|
| 1,1,1-Trifluorotoluene | 111              |      | 101               |      | 70-130                 |
| 4-Bromofluorobenzene   | 97               |      | 87                |      | 70-130                 |



# **Matrix Spike Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Lab Number:** L2327188

**Project Number:** 0205563

**Report Date:** 06/07/23

| <i>Parameter</i>                                                                                                                                 | <i>Native Sample</i> | <i>MS Added</i> | <i>MS Found</i> | <i>MS %Recovery</i> | <i>Qual</i> | <i>MSD Found</i> | <i>MSD %Recovery</i> | <i>Qual</i> | <i>Recovery Limits</i> | <i>RPD</i> | <i>Qual</i> | <i>RPD Limits</i> |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------|-----------------|---------------------|-------------|------------------|----------------------|-------------|------------------------|------------|-------------|-------------------|
| Gasoline Range Organics - Westborough Lab Associated sample(s): 15-16 QC Batch ID: WG1782361-6 QC Sample: L2327188-16 Client ID: WC-B-GRAB_11-12 |                      |                 |                 |                     |             |                  |                      |             |                        |            |             |                   |
| Gasoline Range Organics                                                                                                                          | 26000                | 21800           | 45000           | 87                  |             | -                | -                    |             | 80-120                 | -          |             | 20                |

| <i>Surrogate</i>       | <i>MS % Recovery</i> | <i>Qualifier</i> | <i>MSD % Recovery</i> | <i>Qualifier</i> | <i>Acceptance Criteria</i> |
|------------------------|----------------------|------------------|-----------------------|------------------|----------------------------|
| 1,1,1-Trifluorotoluene | 106                  |                  |                       |                  | 70-130                     |
| 4-Bromofluorobenzene   | 88                   |                  |                       |                  | 70-130                     |

# **Lab Duplicate Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                        | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|-------|-----|------|------------|
| Gasoline Range Organics - Westborough Lab Associated sample(s): 15-16 QC Batch ID: WG1782361-5 QC Sample: L2327188-16 Client ID: WC-B-GRAB_11-12 |               |                  |       |     |      |            |
| Gasoline Range Organics                                                                                                                          | 26000         | 27000            | ug/kg | 2   |      | 20         |

| Surrogate              | %Recovery | Qualifier | %Recovery | Qualifier | Acceptance Criteria |
|------------------------|-----------|-----------|-----------|-----------|---------------------|
| 1,1,1-Trifluorotoluene | 103       |           | 105       |           | 70-130              |
| 4-Bromofluorobenzene   | 86        |           | 91        |           | 70-130              |

# PCBS

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-01  
 Client ID: WC-A\_COMP\_0-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:15  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/19/23 13:07  
 Analyst: JM  
 Percent Solids: 89%

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 20:50  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 54.4 | 4.83 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 54.4 | 5.45 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 54.4 | 11.5 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 54.4 | 7.34 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 54.4 | 8.16 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 54.4 | 5.95 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 54.4 | 10.0 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 54.4 | 6.91 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 54.4 | 5.64 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 54.4 | 4.83 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 79         |           | 30-150              | A      |
| Decachlorobiphenyl           | 76         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 83         |           | 30-150              | B      |
| Decachlorobiphenyl           | 76         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-02  
 Client ID: WC-A\_COMP\_4-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:20  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/19/23 13:16  
 Analyst: JM  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 20:50  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 55.5 | 4.93 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 55.5 | 5.56 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 55.5 | 11.8 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 55.5 | 7.48 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 55.5 | 8.32 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 55.5 | 6.07 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 55.5 | 10.2 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 55.5 | 7.04 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 55.5 | 5.75 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 55.5 | 4.93 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 86         |           | 30-150              | A      |
| Decachlorobiphenyl           | 72         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 91         |           | 30-150              | B      |
| Decachlorobiphenyl           | 69         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-03  
**Client ID:** WC-A\_COMP\_8-12  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 10:25  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/19/23 13:24  
**Analyst:** JM  
**Percent Solids:** 91%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/19/23 00:16  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/19/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 52.6 | 4.67 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 52.6 | 5.27 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 52.6 | 11.1 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 52.6 | 7.09 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 52.6 | 7.89 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 52.6 | 5.75 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 52.6 | 9.72 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 52.6 | 6.68 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 52.6 | 5.45 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 52.6 | 4.67 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 68         |           | 30-150              | A      |
| Decachlorobiphenyl           | 58         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 69         |           | 30-150              | B      |
| Decachlorobiphenyl           | 53         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-04  
 Client ID: WC-A\_COMP\_12-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:30  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/19/23 13:33  
 Analyst: JM  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 20:50  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 52.1 | 4.63 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 52.1 | 5.22 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 52.1 | 11.0 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 52.1 | 7.02 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 52.1 | 7.82 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 52.1 | 5.70 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 52.1 | 9.63 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 52.1 | 6.62 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 52.1 | 5.40 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 52.1 | 4.63 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 81         |           | 30-150              | A      |
| Decachlorobiphenyl           | 72         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 84         |           | 30-150              | B      |
| Decachlorobiphenyl           | 67         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-05  
 Client ID: WC-B\_COMP\_0-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:20  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/19/23 13:42  
 Analyst: JM  
 Percent Solids: 84%

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 20:50  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 54.8 | 4.87 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 54.8 | 5.49 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 54.8 | 11.6 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 54.8 | 7.39 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 54.8 | 8.22 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 54.8 | 6.00 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 54.8 | 10.1 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 54.8 | 6.96 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 54.8 | 5.68 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 54.8 | 4.87 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 91         |           | 30-150              | A      |
| Decachlorobiphenyl           | 82         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 95         |           | 30-150              | B      |
| Decachlorobiphenyl           | 77         |           | 30-150              | B      |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-06  
**Client ID:** WC-B\_COMP\_4-8  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 14:25  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/19/23 13:51  
**Analyst:** JM  
**Percent Solids:** 90%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/18/23 20:50  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/19/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 54.7 | 4.86 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 54.7 | 5.48 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 54.7 | 11.6 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 54.7 | 7.37 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 54.7 | 8.21 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 54.7 | 5.98 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 54.7 | 10.1 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 54.7 | 6.95 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 54.7 | 5.67 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 54.7 | 4.86 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 92         |           | 30-150              | A      |
| Decachlorobiphenyl           | 84         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 93         |           | 30-150              | B      |
| Decachlorobiphenyl           | 78         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-07  
 Client ID: WC-B\_COMP\_8-12  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:30  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/19/23 14:00  
 Analyst: JM  
 Percent Solids: 87%

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 20:50  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 53.3 | 4.74 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 53.3 | 5.34 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 53.3 | 11.3 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 53.3 | 7.19 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 53.3 | 8.00 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 53.3 | 5.83 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 53.3 | 9.85 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 53.3 | 6.77 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 53.3 | 5.52 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 53.3 | 4.74 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 92         |           | 30-150              | A      |
| Decachlorobiphenyl           | 87         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 97         |           | 30-150              | B      |
| Decachlorobiphenyl           | 82         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-08  
 Client ID: WC-B\_COMP\_12-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:35  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/19/23 14:08  
 Analyst: JM  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 20:50  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 53.0 | 4.70 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 53.0 | 5.31 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 53.0 | 11.2 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 53.0 | 7.14 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 53.0 | 7.95 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 53.0 | 5.80 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 53.0 | 9.79 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 53.0 | 6.73 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 53.0 | 5.49 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 53.0 | 4.70 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 85         |           | 30-150              | A      |
| Decachlorobiphenyl           | 80         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 89         |           | 30-150              | B      |
| Decachlorobiphenyl           | 77         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-18  
 Client ID: SRI-01\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 08:50  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/18/23 02:09  
 Analyst: JM  
 Percent Solids: 97%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 16:49  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 49.8 | 4.42 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 49.8 | 4.99 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 49.8 | 10.6 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 49.8 | 6.71 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 49.8 | 7.47 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 49.8 | 5.45 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 49.8 | 9.20 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 49.8 | 6.32 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 49.8 | 5.16 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 49.8 | 4.42 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 75         |           | 30-150              | A      |
| Decachlorobiphenyl           | 80         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 77         |           | 30-150              | B      |
| Decachlorobiphenyl           | 74         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-19  
**Client ID:** SRI-01\_20-22  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 08:55  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/18/23 02:38  
**Analyst:** JM  
**Percent Solids:** 96%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 16:49  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/17/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 49.0 | 4.35 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 49.0 | 4.91 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 49.0 | 10.4 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 49.0 | 6.61 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 49.0 | 7.36 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 49.0 | 5.36 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 49.0 | 9.06 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 49.0 | 6.23 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 49.0 | 5.08 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 49.0 | 4.35 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 74         |           | 30-150              | A      |
| Decachlorobiphenyl           | 78         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 75         |           | 30-150              | B      |
| Decachlorobiphenyl           | 75         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-21  
**Client ID:** SRI-02\_14-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 09:45  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/18/23 02:48  
**Analyst:** JM  
**Percent Solids:** 80%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 16:49  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/17/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 61.0 | 5.42 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 61.0 | 6.12 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 61.0 | 12.9 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 61.0 | 8.23 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 61.0 | 9.16 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 61.0 | 6.68 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 61.0 | 11.3 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 61.0 | 7.75 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 61.0 | 6.32 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 61.0 | 5.42 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 78         |           | 30-150              | A      |
| Decachlorobiphenyl           | 84         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 79         |           | 30-150              | B      |
| Decachlorobiphenyl           | 82         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-22  
**Client ID:** SRI-02\_20-22  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 09:50  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/18/23 02:58  
**Analyst:** JM  
**Percent Solids:** 80%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 16:49  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/17/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 59.1 | 5.25 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 59.1 | 5.92 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 59.1 | 12.5 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 59.1 | 7.97 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 59.1 | 8.87 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 59.1 | 6.47 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 59.1 | 10.9 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 59.1 | 7.51 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 59.1 | 6.13 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 59.1 | 5.25 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 79         |           | 30-150              | A      |
| Decachlorobiphenyl           | 87         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 79         |           | 30-150              | B      |
| Decachlorobiphenyl           | 82         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-24  
**Client ID:** SRI-06\_14-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 10:50  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/18/23 03:08  
**Analyst:** JM  
**Percent Solids:** 98%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 16:49  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/17/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 49.8 | 4.42 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 49.8 | 4.99 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 49.8 | 10.6 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 49.8 | 6.72 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 49.8 | 7.47 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 49.8 | 5.45 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 49.8 | 9.21 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 49.8 | 6.33 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 49.8 | 5.16 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 49.8 | 4.42 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 83         |           | 30-150              | A      |
| Decachlorobiphenyl           | 88         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 83         |           | 30-150              | B      |
| Decachlorobiphenyl           | 85         |           | 30-150              | B      |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-25  
**Client ID:** SRI-06\_20-22  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 10:55  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/18/23 03:17  
**Analyst:** JM  
**Percent Solids:** 96%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 16:49  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/17/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 47.8 | 4.24 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 47.8 | 4.79 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 47.8 | 10.1 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 47.8 | 6.44 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 47.8 | 7.16 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 47.8 | 5.22 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 47.8 | 8.83 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 47.8 | 6.07 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 47.8 | 4.95 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 47.8 | 4.24 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 76         |           | 30-150              | A      |
| Decachlorobiphenyl           | 83         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 76         |           | 30-150              | B      |
| Decachlorobiphenyl           | 80         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-27  
**Client ID:** SRI-05\_14-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 12:35  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/18/23 03:27  
**Analyst:** JM  
**Percent Solids:** 89%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 16:55  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/17/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 53.9 | 4.79 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 53.9 | 5.40 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 53.9 | 11.4 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 53.9 | 7.27 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 53.9 | 8.09 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 53.9 | 5.90 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 53.9 | 9.96 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 53.9 | 6.85 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 53.9 | 5.59 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 53.9 | 4.79 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 69         |           | 30-150              | A      |
| Decachlorobiphenyl           | 73         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 70         |           | 30-150              | B      |
| Decachlorobiphenyl           | 74         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-28  
 Client ID: SRI-05\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:40  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/18/23 03:37  
 Analyst: JM  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 16:55  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 52.4 | 4.65 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 52.4 | 5.25 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 52.4 | 11.1 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 52.4 | 7.06 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 52.4 | 7.86 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 52.4 | 5.73 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 52.4 | 9.68 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 52.4 | 6.65 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 52.4 | 5.42 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 52.4 | 4.65 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 69         |           | 30-150              | A      |
| Decachlorobiphenyl           | 71         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 69         |           | 30-150              | B      |
| Decachlorobiphenyl           | 67         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-30  
 Client ID: SRI-07\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/18/23 03:47  
 Analyst: JM  
 Percent Solids: 87%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 16:55  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 52.5 | 4.67 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 52.5 | 5.26 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 52.5 | 11.1 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 52.5 | 7.08 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 52.5 | 7.88 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 52.5 | 5.75 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 52.5 | 9.71 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 52.5 | 6.67 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 52.5 | 5.44 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 52.5 | 4.67 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 75         |           | 30-150              | A      |
| Decachlorobiphenyl           | 82         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 76         |           | 30-150              | B      |
| Decachlorobiphenyl           | 79         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-31  
 Client ID: SRI-07\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:05  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/18/23 03:57  
 Analyst: JM  
 Percent Solids: 97%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 16:56  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 51.0 | 4.53 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 51.0 | 5.11 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 51.0 | 10.8 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 51.0 | 6.88 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 51.0 | 7.66 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 51.0 | 5.58 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 51.0 | 9.43 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 51.0 | 6.48 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 51.0 | 5.29 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 51.0 | 4.53 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 65         |           | 30-150              | A      |
| Decachlorobiphenyl           | 62         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 65         |           | 30-150              | B      |
| Decachlorobiphenyl           | 61         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-33  
**Client ID:** SRI-08\_14-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 13:20  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/18/23 04:06  
**Analyst:** JM  
**Percent Solids:** 88%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 16:56  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/17/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 52.6 | 4.67 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 52.6 | 5.27 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 52.6 | 11.2 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 52.6 | 7.09 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 52.6 | 7.89 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 52.6 | 5.76 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 52.6 | 9.72 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 52.6 | 6.68 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 52.6 | 5.45 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 52.6 | 4.67 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 76         |           | 30-150              | A      |
| Decachlorobiphenyl           | 63         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 76         |           | 30-150              | B      |
| Decachlorobiphenyl           | 61         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-34  
**Client ID:** SRI-08\_20-22  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 13:25  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/18/23 04:16  
**Analyst:** JM  
**Percent Solids:** 95%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 16:56  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/17/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 52.2 | 4.64 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 52.2 | 5.24 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 52.2 | 11.1 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 52.2 | 7.04 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 52.2 | 7.84 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 52.2 | 5.72 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 52.2 | 9.66 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 52.2 | 6.64 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 52.2 | 5.41 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 52.2 | 4.64 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 73         |           | 30-150              | A      |
| Decachlorobiphenyl           | 77         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 76         |           | 30-150              | B      |
| Decachlorobiphenyl           | 78         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-36  
**Client ID:** SRI-09\_14-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 14:00  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/18/23 04:26  
**Analyst:** JM  
**Percent Solids:** 90%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 16:56  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/17/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 53.1 | 4.72 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 53.1 | 5.32 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 53.1 | 11.2 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 53.1 | 7.16 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 53.1 | 7.96 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 53.1 | 5.81 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 53.1 | 9.81 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 53.1 | 6.74 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 53.1 | 5.50 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 53.1 | 4.72 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 69         |           | 30-150              | A      |
| Decachlorobiphenyl           | 63         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 70         |           | 30-150              | B      |
| Decachlorobiphenyl           | 61         |           | 30-150              | B      |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-37  
 Client ID: SRI-09\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:05  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/18/23 04:36  
 Analyst: JM  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 16:56  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 55.1 | 4.89 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 55.1 | 5.52 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 55.1 | 11.7 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 55.1 | 7.43 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 55.1 | 8.26 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 55.1 | 6.03 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 55.1 | 10.2 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 55.1 | 7.00 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 55.1 | 5.71 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 55.1 | 4.89 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 75         |           | 30-150              | A      |
| Decachlorobiphenyl           | 77         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 74         |           | 30-150              | B      |
| Decachlorobiphenyl           | 75         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-39  
 Client ID: DUP-01\_05162023  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 00:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/18/23 04:46  
 Analyst: JM  
 Percent Solids: 76%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 16:56  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 62.1 | 5.52 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 62.1 | 6.22 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 62.1 | 13.2 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 62.1 | 8.37 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 62.1 | 9.32 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 62.1 | 6.80 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 62.1 | 11.5 | 1               | B      |
| Aroclor 1262                                      | ND     |           | ug/kg | 62.1 | 7.89 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 62.1 | 6.44 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 62.1 | 5.52 | 1               | B      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 59         |           | 30-150              | A      |
| Decachlorobiphenyl           | 59         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 60         |           | 30-150              | B      |
| Decachlorobiphenyl           | 59         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8082A  
**Analytical Date:** 05/18/23 04:55  
**Analyst:** JM

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 16:49  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/17/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/18/23

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|-----------|--------|-----------|-------|----|-----|--------|
|-----------|--------|-----------|-------|----|-----|--------|

Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1780173-1

|              |    |  |       |      |      |   |
|--------------|----|--|-------|------|------|---|
| Aroclor 1016 | ND |  | ug/kg | 48.8 | 4.34 | A |
| Aroclor 1221 | ND |  | ug/kg | 48.8 | 4.89 | A |
| Aroclor 1232 | ND |  | ug/kg | 48.8 | 10.4 | A |
| Aroclor 1242 | ND |  | ug/kg | 48.8 | 6.58 | A |
| Aroclor 1248 | ND |  | ug/kg | 48.8 | 7.32 | A |
| Aroclor 1254 | ND |  | ug/kg | 48.8 | 5.34 | A |
| Aroclor 1260 | ND |  | ug/kg | 48.8 | 9.02 | A |
| Aroclor 1262 | ND |  | ug/kg | 48.8 | 6.20 | A |
| Aroclor 1268 | ND |  | ug/kg | 48.8 | 5.06 | A |
| PCBs, Total  | ND |  | ug/kg | 48.8 | 4.34 | A |

| Surrogate                    | %Recovery | Qualifier | Acceptance<br>Criteria | Column |
|------------------------------|-----------|-----------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 81        |           | 30-150                 | A      |
| Decachlorobiphenyl           | 84        |           | 30-150                 | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 81        |           | 30-150                 | B      |
| Decachlorobiphenyl           | 83        |           | 30-150                 | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A  
 Analytical Date: 05/19/23 00:06  
 Analyst: JM

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 16:33  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/18/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/18/23

| Parameter                                                                                 | Result | Qualifier | Units | RL   | MDL  | Column |
|-------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-08 Batch: WG1780674-1 |        |           |       |      |      |        |
| Aroclor 1016                                                                              | ND     |           | ug/kg | 49.4 | 4.39 | A      |
| Aroclor 1221                                                                              | ND     |           | ug/kg | 49.4 | 4.96 | A      |
| Aroclor 1232                                                                              | ND     |           | ug/kg | 49.4 | 10.5 | A      |
| Aroclor 1242                                                                              | ND     |           | ug/kg | 49.4 | 6.67 | A      |
| Aroclor 1248                                                                              | ND     |           | ug/kg | 49.4 | 7.42 | A      |
| Aroclor 1254                                                                              | ND     |           | ug/kg | 49.4 | 5.41 | A      |
| Aroclor 1260                                                                              | ND     |           | ug/kg | 49.4 | 9.14 | A      |
| Aroclor 1262                                                                              | ND     |           | ug/kg | 49.4 | 6.28 | A      |
| Aroclor 1268                                                                              | ND     |           | ug/kg | 49.4 | 5.12 | A      |
| PCBs, Total                                                                               | ND     |           | ug/kg | 49.4 | 4.39 | A      |

| Surrogate                    | %Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|-----------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 99        |           | 30-150              | A      |
| Decachlorobiphenyl           | 89        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 100       |           | 30-150              | B      |
| Decachlorobiphenyl           | 86        |           | 30-150              | B      |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                           | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1780173-2 WG1780173-3 |                  |      |                   |      |                     |     |      |               |        |
| Aroclor 1016                                                                                                                                        | 78               |      | 82                |      | 40-140              | 5   |      | 50            | A      |
| Aroclor 1260                                                                                                                                        | 76               |      | 81                |      | 40-140              | 6   |      | 50            | A      |

| Surrogate                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria | Column |
|------------------------------|------------------|------|-------------------|------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 82               |      | 86                |      | 30-150                 | A      |
| Decachlorobiphenyl           | 84               |      | 90                |      | 30-150                 | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 80               |      | 85                |      | 30-150                 | B      |
| Decachlorobiphenyl           | 83               |      | 89                |      | 30-150                 | B      |

# **Lab Control Sample Analysis** Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

| Parameter                                                                                                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|--------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1780674-2 WG1780674-3 |                  |      |                   |      |                     |     |      |               |        |
| Aroclor 1016                                                                                                 | 88               |      | 92                |      | 40-140              | 4   |      | 50            | A      |
| Aroclor 1260                                                                                                 | 81               |      | 85                |      | 40-140              | 5   |      | 50            | A      |

| Surrogate                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria | Column |
|------------------------------|------------------|------|-------------------|------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 100              |      | 94                |      | 30-150                 | A      |
| Decachlorobiphenyl           | 91               |      | 89                |      | 30-150                 | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 100              |      | 95                |      | 30-150                 | B      |
| Decachlorobiphenyl           | 90               |      | 88                |      | 30-150                 | B      |

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                     | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits | Column |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 QC Batch ID: WG1780173-4 |               |          |          |              |      |           |               |      |                 |     |      |            |        |
| WG1780173-5 QC Sample: L2327188-18 Client ID: SRI-01_14-16                                                                                    |               |          |          |              |      |           |               |      |                 |     |      |            |        |
| Aroclor 1016                                                                                                                                  | ND            | 316      | 249      | 79           |      | 264       | 84            |      | 40-140          | 6   |      | 50         | A      |
| Aroclor 1260                                                                                                                                  | ND            | 316      | 255      | 81           |      | 267       | 85            |      | 40-140          | 5   |      | 50         | A      |

| Surrogate                    | MS % Recovery | Qualifier | MSD % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|---------------|-----------|----------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 80            |           | 85             |           | 30-150              | A      |
| Decachlorobiphenyl           | 90            |           | 94             |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 79            |           | 84             |           | 30-150              | B      |
| Decachlorobiphenyl           | 84            |           | 88             |           | 30-150              | B      |

# PESTICIDES



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-01  
 Client ID: WC-A\_COMP\_0-4  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:15  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/19/23 17:00  
 Analyst: AAR  
 Percent Solids: 89%

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 21:30  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.74  | 0.342 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.727 | 0.325 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.727 | 0.206 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.74  | 0.662 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.872 | 0.391 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.74  | 0.614 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.27  | 0.981 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.727 | 0.298 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.18  | 0.763 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.74  | 0.449 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.09  | 0.545 | 1               | A      |
| 4,4'-DDE                                          | 0.433  | J         | ug/kg | 1.74  | 0.404 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.74  | 0.622 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.74  | 1.40  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.74  | 0.412 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.74  | 0.583 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.727 | 0.346 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.27  | 1.02  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 32.7  | 9.16  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.18  | 0.608 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.18  | 0.576 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.5  | 5.78  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-01

Date Collected: 05/16/23 10:15

Client ID: WC-A\_COMP\_0-4

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 65         |           | 30-150              | A      |
| Decachlorobiphenyl           | 88         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 74         |           | 30-150              | B      |
| Decachlorobiphenyl           | 104        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-01  
**Client ID:** WC-A\_COMP\_0-4  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 10:15  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8151A  
**Analytical Date:** 05/19/23 18:29  
**Analyst:** EJJ  
**Percent Solids:** 89%  
**Methylation Date:** 05/19/23 07:50

**Extraction Method:** EPA 8151A  
**Extraction Date:** 05/18/23 07:31

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|-----------|--------|-----------|-------|----|-----|-----------------|--------|
|-----------|--------|-----------|-------|----|-----|-----------------|--------|

## Chlorinated Herbicides by GC - Westborough Lab

|                   |    |  |       |     |      |   |   |
|-------------------|----|--|-------|-----|------|---|---|
| 2,4-D             | ND |  | ug/kg | 183 | 11.5 | 1 | A |
| 2,4,5-T           | ND |  | ug/kg | 183 | 5.68 | 1 | A |
| 2,4,5-TP (Silvex) | ND |  | ug/kg | 183 | 4.87 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA      | 89         |           | 30-150              | A      |
| DCAA      | 82         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-02  
 Client ID: WC-A\_COMP\_4-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:20  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/19/23 17:12  
 Analyst: AAR  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 21:30  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.80  | 0.352 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.750 | 0.335 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.750 | 0.213 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.80  | 0.682 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.900 | 0.403 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.80  | 0.634 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.37  | 1.01  | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.750 | 0.307 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.25  | 0.787 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.80  | 0.463 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.12  | 0.562 | 1               | A      |
| 4,4'-DDE                                          | 0.658  | J         | ug/kg | 1.80  | 0.416 | 1               | B      |
| 4,4'-DDD                                          | 1.26   | J         | ug/kg | 1.80  | 0.642 | 1               | B      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.80  | 1.45  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.80  | 0.425 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.80  | 0.601 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.750 | 0.357 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.37  | 1.05  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 33.7  | 9.45  | 1               | A      |
| cis-Chlordane                                     | 0.867  | J         | ug/kg | 2.25  | 0.627 | 1               | A      |
| trans-Chlordane                                   | 1.05   | JP        | ug/kg | 2.25  | 0.594 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 15.0  | 5.96  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-02**Date Collected:** 05/16/23 10:20**Client ID:** WC-A\_COMP\_4-8**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 74         |           | 30-150              | A      |
| Decachlorobiphenyl           | 87         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 80         |           | 30-150              | B      |
| Decachlorobiphenyl           | 97         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-02  
**Client ID:** WC-A\_COMP\_4-8  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 10:20  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8151A  
**Analytical Date:** 05/19/23 18:48  
**Analyst:** EJJ  
**Percent Solids:** 88%  
**Methylation Date:** 05/19/23 07:50

**Extraction Method:** EPA 8151A  
**Extraction Date:** 05/18/23 07:31

| Parameter                                      | Result | Qualifier | Units | RL  | MDL  | Dilution Factor | Column |
|------------------------------------------------|--------|-----------|-------|-----|------|-----------------|--------|
| Chlorinated Herbicides by GC - Westborough Lab |        |           |       |     |      |                 |        |
| 2,4-D                                          | ND     |           | ug/kg | 186 | 11.7 | 1               | A      |
| 2,4,5-T                                        | ND     |           | ug/kg | 186 | 5.76 | 1               | A      |
| 2,4,5-TP (Silvex)                              | ND     |           | ug/kg | 186 | 4.95 | 1               | A      |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA      | 85         |           | 30-150              | A      |
| DCAA      | 80         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-03  
 Client ID: WC-A\_COMP\_8-12  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:25  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/21/23 10:12  
 Analyst: AKM  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 21:30  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.72  | 0.336 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.715 | 0.320 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.715 | 0.203 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.72  | 0.650 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.858 | 0.384 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.72  | 0.604 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.22  | 0.965 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.715 | 0.293 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.14  | 0.750 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.72  | 0.442 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.07  | 0.536 | 1               | A      |
| 4,4'-DDE                                          | 1.84   |           | ug/kg | 1.72  | 0.397 | 1               | A      |
| 4,4'-DDD                                          | 1.30   | J         | ug/kg | 1.72  | 0.612 | 1               | A      |
| 4,4'-DDT                                          | 2.91   |           | ug/kg | 1.72  | 1.38  | 1               | B      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.72  | 0.405 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.72  | 0.573 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.715 | 0.340 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.22  | 1.00  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 32.2  | 9.01  | 1               | A      |
| cis-Chlordane                                     | 1.56   | J         | ug/kg | 2.14  | 0.598 | 1               | A      |
| trans-Chlordane                                   | 2.63   | IP        | ug/kg | 2.14  | 0.566 | 1               | B      |
| Chlordane                                         | ND     |           | ug/kg | 14.3  | 5.68  | 1               | A      |

Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-03

Date Collected: 05/16/23 10:25

Client ID: WC-A\_COMP\_8-12

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 87         |           | 30-150              | A      |
| Decachlorobiphenyl           | 85         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 81         |           | 30-150              | B      |
| Decachlorobiphenyl           | 57         |           | 30-150              | B      |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-03  
**Client ID:** WC-A\_COMP\_8-12  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 10:25  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8151A  
**Analytical Date:** 05/19/23 19:25  
**Analyst:** EJJ  
**Percent Solids:** 91%  
**Methylation Date:** 05/19/23 07:50

**Extraction Method:** EPA 8151A  
**Extraction Date:** 05/18/23 07:31

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|-----------|--------|-----------|-------|----|-----|-----------------|--------|
|-----------|--------|-----------|-------|----|-----|-----------------|--------|

## Chlorinated Herbicides by GC - Westborough Lab

|                   |    |  |       |     |      |   |   |
|-------------------|----|--|-------|-----|------|---|---|
| 2,4-D             | ND |  | ug/kg | 181 | 11.4 | 1 | A |
| 2,4,5-T           | ND |  | ug/kg | 181 | 5.61 | 1 | A |
| 2,4,5-TP (Silvex) | ND |  | ug/kg | 181 | 4.82 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA      | 90         |           | 30-150              | A      |
| DCAA      | 84         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-04  
 Client ID: WC-A\_COMP\_12-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:30  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/21/23 10:49  
 Analyst: AAR  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 21:30  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.73  | 0.339 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.722 | 0.322 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.722 | 0.205 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.73  | 0.657 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.866 | 0.388 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.73  | 0.610 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.25  | 0.974 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.722 | 0.296 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.16  | 0.758 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.73  | 0.446 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.08  | 0.541 | 1               | A      |
| 4,4'-DDE                                          | 1.01   | J         | ug/kg | 1.73  | 0.400 | 1               | A      |
| 4,4'-DDD                                          | 1.18   | J         | ug/kg | 1.73  | 0.618 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.73  | 1.39  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.73  | 0.409 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.73  | 0.579 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.722 | 0.344 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.25  | 1.01  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 32.5  | 9.09  | 1               | A      |
| cis-Chlordane                                     | ND     | IP        | ug/kg | 2.16  | 0.603 | 1               | B      |
| trans-Chlordane                                   | 0.848  | JIP       | ug/kg | 2.16  | 0.572 | 1               | B      |
| Chlordane                                         | ND     |           | ug/kg | 14.4  | 5.74  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-04**Date Collected:** 05/16/23 10:30**Client ID:** WC-A\_COMP\_12-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 116        |           | 30-150              | A      |
| Decachlorobiphenyl           | 75         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 75         |           | 30-150              | B      |
| Decachlorobiphenyl           | 51         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-04  
**Client ID:** WC-A\_COMP\_12-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 10:30  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8151A  
**Analytical Date:** 05/19/23 19:43  
**Analyst:** EJJ  
**Percent Solids:** 88%  
**Methylation Date:** 05/19/23 07:50

**Extraction Method:** EPA 8151A  
**Extraction Date:** 05/18/23 07:31

| Parameter                                      | Result | Qualifier | Units | RL  | MDL  | Dilution Factor | Column |
|------------------------------------------------|--------|-----------|-------|-----|------|-----------------|--------|
| Chlorinated Herbicides by GC - Westborough Lab |        |           |       |     |      |                 |        |
| 2,4-D                                          | ND     |           | ug/kg | 187 | 11.8 | 1               | A      |
| 2,4,5-T                                        | ND     |           | ug/kg | 187 | 5.81 | 1               | A      |
| 2,4,5-TP (Silvex)                              | ND     |           | ug/kg | 187 | 4.98 | 1               | A      |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA      | 85         |           | 30-150              | A      |
| DCAA      | 82         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-05  
**Client ID:** WC-B\_COMP\_0-4  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 14:20  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8081B  
**Analytical Date:** 05/21/23 11:02  
**Analyst:** AAR  
**Percent Solids:** 84%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/18/23 21:30  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 05/19/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.81  | 0.354 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.753 | 0.337 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.753 | 0.214 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.81  | 0.686 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.904 | 0.405 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.81  | 0.636 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.39  | 1.02  | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.753 | 0.309 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.26  | 0.791 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.81  | 0.466 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.13  | 0.565 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.81  | 0.418 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.81  | 0.645 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.81  | 1.45  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.81  | 0.427 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.81  | 0.604 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.753 | 0.358 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.39  | 1.05  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 33.9  | 9.49  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.26  | 0.630 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.26  | 0.597 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 15.1  | 5.99  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-05**Date Collected:** 05/16/23 14:20**Client ID:** WC-B\_COMP\_0-4**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 75         |           | 30-150              | A      |
| Decachlorobiphenyl           | 62         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 71         |           | 30-150              | B      |
| Decachlorobiphenyl           | 44         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-05  
**Client ID:** WC-B\_COMP\_0-4  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 14:20  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8151A  
**Analytical Date:** 05/19/23 20:02  
**Analyst:** EJJ  
**Percent Solids:** 84%  
**Methylation Date:** 05/19/23 07:50

**Extraction Method:** EPA 8151A  
**Extraction Date:** 05/18/23 07:31

| Parameter                                      | Result | Qualifier | Units | RL  | MDL  | Dilution Factor | Column |
|------------------------------------------------|--------|-----------|-------|-----|------|-----------------|--------|
| Chlorinated Herbicides by GC - Westborough Lab |        |           |       |     |      |                 |        |
| 2,4-D                                          | ND     |           | ug/kg | 193 | 12.2 | 1               | A      |
| 2,4,5-T                                        | ND     |           | ug/kg | 193 | 5.99 | 1               | A      |
| 2,4,5-TP (Silvex)                              | ND     |           | ug/kg | 193 | 5.14 | 1               | A      |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA      | 79         |           | 30-150              | A      |
| DCAA      | 80         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-06  
 Client ID: WC-B\_COMP\_4-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:25  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/21/23 11:14  
 Analyst: AAR  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 21:30  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.77  | 0.347 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.738 | 0.330 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.738 | 0.210 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.77  | 0.672 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.886 | 0.397 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.77  | 0.624 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.32  | 0.996 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.738 | 0.303 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.21  | 0.775 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.77  | 0.456 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.11  | 0.554 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.77  | 0.410 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.77  | 0.632 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.77  | 1.42  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.77  | 0.418 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.77  | 0.592 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.738 | 0.351 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.32  | 1.03  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 33.2  | 9.30  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.21  | 0.617 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.21  | 0.585 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.8  | 5.87  | 1               | A      |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-06**Date Collected:** 05/16/23 14:25**Client ID:** WC-B\_COMP\_4-8**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 83         |           | 30-150              | A      |
| Decachlorobiphenyl           | 78         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 82         |           | 30-150              | B      |
| Decachlorobiphenyl           | 51         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-06  
 Client ID: WC-B\_COMP\_4-8  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:25  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8151A  
 Analytical Date: 05/19/23 20:20  
 Analyst: EJJ  
 Percent Solids: 90%  
 Methylation Date: 05/19/23 07:50

Extraction Method: EPA 8151A  
 Extraction Date: 05/18/23 07:31

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|-----------|--------|-----------|-------|----|-----|-----------------|--------|
|-----------|--------|-----------|-------|----|-----|-----------------|--------|

## Chlorinated Herbicides by GC - Westborough Lab

|                   |    |  |       |     |      |   |   |
|-------------------|----|--|-------|-----|------|---|---|
| 2,4-D             | ND |  | ug/kg | 183 | 11.5 | 1 | A |
| 2,4,5-T           | ND |  | ug/kg | 183 | 5.66 | 1 | A |
| 2,4,5-TP (Silvex) | ND |  | ug/kg | 183 | 4.86 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA      | 82         |           | 30-150              | A      |
| DCAA      | 77         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-07  
 Client ID: WC-B\_COMP\_8-12  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:30  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/21/23 11:27  
 Analyst: AAR  
 Percent Solids: 87%

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 21:30  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.77  | 0.346 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.736 | 0.329 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.736 | 0.209 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.77  | 0.670 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.884 | 0.396 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.77  | 0.622 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.31  | 0.994 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.736 | 0.302 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.21  | 0.773 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.77  | 0.455 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.10  | 0.552 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.77  | 0.409 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.77  | 0.630 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.77  | 1.42  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.77  | 0.418 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.77  | 0.590 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.736 | 0.350 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.31  | 1.03  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 33.1  | 9.28  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.21  | 0.616 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.21  | 0.583 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.7  | 5.85  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-07**Date Collected:** 05/16/23 14:30**Client ID:** WC-B\_COMP\_8-12**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 83         |           | 30-150              | A      |
| Decachlorobiphenyl           | 72         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 81         |           | 30-150              | B      |
| Decachlorobiphenyl           | 50         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-07  
**Client ID:** WC-B\_COMP\_8-12  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 14:30  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8151A  
**Analytical Date:** 05/19/23 20:38  
**Analyst:** EJJ  
**Percent Solids:** 87%  
**Methylation Date:** 05/19/23 07:50

**Extraction Method:** EPA 8151A  
**Extraction Date:** 05/18/23 07:31

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|-----------|--------|-----------|-------|----|-----|-----------------|--------|
|-----------|--------|-----------|-------|----|-----|-----------------|--------|

## Chlorinated Herbicides by GC - Westborough Lab

|                   |    |  |       |     |      |   |   |
|-------------------|----|--|-------|-----|------|---|---|
| 2,4-D             | ND |  | ug/kg | 187 | 11.8 | 1 | A |
| 2,4,5-T           | ND |  | ug/kg | 187 | 5.80 | 1 | A |
| 2,4,5-TP (Silvex) | ND |  | ug/kg | 187 | 4.98 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA      | 84         |           | 30-150              | A      |
| DCAA      | 82         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-08  
 Client ID: WC-B\_COMP\_12-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:35  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/21/23 11:40  
 Analyst: AAR  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 21:30  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.72  | 0.337 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.717 | 0.320 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.717 | 0.204 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.72  | 0.653 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.861 | 0.386 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.72  | 0.606 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.23  | 0.968 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.717 | 0.294 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.15  | 0.753 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.72  | 0.443 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.08  | 0.538 | 1               | A      |
| 4,4'-DDE                                          | 1.59   | J         | ug/kg | 1.72  | 0.398 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.72  | 0.614 | 1               | B      |
| 4,4'-DDT                                          | 1.97   |           | ug/kg | 1.72  | 1.38  | 1               | B      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.72  | 0.407 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.72  | 0.575 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.717 | 0.341 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.23  | 1.00  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 32.3  | 9.04  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.15  | 0.600 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.15  | 0.568 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.3  | 5.70  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-08**Date Collected:** 05/16/23 14:35**Client ID:** WC-B\_COMP\_12-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 90         |           | 30-150              | A      |
| Decachlorobiphenyl           | 90         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 85         |           | 30-150              | B      |
| Decachlorobiphenyl           | 57         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-08  
**Client ID:** WC-B\_COMP\_12-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 14:35  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8151A  
**Analytical Date:** 05/19/23 20:57  
**Analyst:** EJJ  
**Percent Solids:** 88%  
**Methylation Date:** 05/19/23 07:50

**Extraction Method:** EPA 8151A  
**Extraction Date:** 05/18/23 07:31

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|-----------|--------|-----------|-------|----|-----|-----------------|--------|
|-----------|--------|-----------|-------|----|-----|-----------------|--------|

## Chlorinated Herbicides by GC - Westborough Lab

|                   |    |  |       |     |      |   |   |
|-------------------|----|--|-------|-----|------|---|---|
| 2,4-D             | ND |  | ug/kg | 184 | 11.6 | 1 | A |
| 2,4,5-T           | ND |  | ug/kg | 184 | 5.70 | 1 | A |
| 2,4,5-TP (Silvex) | ND |  | ug/kg | 184 | 4.90 | 1 | A |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|-----------|------------|-----------|---------------------|--------|
| DCAA      | 92         |           | 30-150              | A      |
| DCAA      | 86         |           | 30-150              | B      |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-18  
 Client ID: SRI-01\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 08:50  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 16:34  
 Analyst: EJL  
 Percent Solids: 97%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:39  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.60  | 0.314 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.668 | 0.299 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.668 | 0.190 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.60  | 0.608 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.802 | 0.360 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.60  | 0.565 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.01  | 0.902 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.668 | 0.274 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.00  | 0.702 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.60  | 0.413 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.00  | 0.501 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.60  | 0.371 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.60  | 0.572 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.60  | 1.29  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.60  | 0.379 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.60  | 0.536 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.668 | 0.318 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.01  | 0.936 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 30.1  | 8.42  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.00  | 0.559 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.00  | 0.529 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 13.4  | 5.31  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-18**Date Collected:** 05/16/23 08:50**Client ID:** SRI-01\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 82         |           | 30-150              | A      |
| Decachlorobiphenyl           | 113        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 79         |           | 30-150              | B      |
| Decachlorobiphenyl           | 110        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-19  
 Client ID: SRI-01\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 08:55  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 17:08  
 Analyst: EJL  
 Percent Solids: 96%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:39  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.63  | 0.319 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.679 | 0.304 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.679 | 0.193 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.63  | 0.618 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.815 | 0.365 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.63  | 0.574 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.06  | 0.917 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.679 | 0.278 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.04  | 0.713 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.63  | 0.420 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.02  | 0.509 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.63  | 0.377 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.63  | 0.581 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.63  | 1.31  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.63  | 0.385 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.63  | 0.545 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.679 | 0.323 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.06  | 0.951 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 30.6  | 8.56  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.04  | 0.568 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.04  | 0.538 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 13.6  | 5.40  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-19**Date Collected:** 05/16/23 08:55**Client ID:** SRI-01\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 49         |           | 30-150              | A      |
| Decachlorobiphenyl           | 68         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 47         |           | 30-150              | B      |
| Decachlorobiphenyl           | 65         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-21  
 Client ID: SRI-02\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 09:45  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 17:19  
 Analyst: EJL  
 Percent Solids: 80%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:39  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.94  | 0.379 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.807 | 0.361 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.807 | 0.229 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.94  | 0.735 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.969 | 0.434 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.94  | 0.682 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.63  | 1.09  | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.807 | 0.331 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.42  | 0.848 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.94  | 0.499 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.21  | 0.606 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.94  | 0.448 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.94  | 0.691 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.94  | 1.56  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.94  | 0.458 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.94  | 0.648 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.807 | 0.384 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.63  | 1.13  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 36.3  | 10.2  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.42  | 0.675 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.42  | 0.639 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 16.1  | 6.42  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-21

Date Collected: 05/16/23 09:45

Client ID: SRI-02\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|-----------|--------|-----------|-------|----|-----|-----------------|--------|
|-----------|--------|-----------|-------|----|-----|-----------------|--------|

Organochlorine Pesticides by GC - Westborough Lab

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 76         |           | 30-150              | A      |
| Decachlorobiphenyl           | 106        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 74         |           | 30-150              | B      |
| Decachlorobiphenyl           | 99         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-22  
 Client ID: SRI-02\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 09:50  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/18/23 08:54  
 Analyst: AAR  
 Percent Solids: 80%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 19:08  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/18/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/18/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.90  | 0.373 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.793 | 0.354 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.793 | 0.225 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.90  | 0.722 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.952 | 0.427 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.90  | 0.670 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.57  | 1.07  | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.793 | 0.325 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.38  | 0.833 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.90  | 0.490 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.19  | 0.595 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.90  | 0.440 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.90  | 0.679 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.90  | 1.53  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.90  | 0.450 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.90  | 0.636 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.793 | 0.378 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.57  | 1.11  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 35.7  | 9.99  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.38  | 0.663 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.38  | 0.628 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 15.9  | 6.30  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-22**Date Collected:** 05/16/23 09:50**Client ID:** SRI-02\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 62         |           | 30-150              | A      |
| Decachlorobiphenyl           | 81         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 70         |           | 30-150              | B      |
| Decachlorobiphenyl           | 90         |           | 30-150              | B      |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-24  
 Client ID: SRI-06\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:50  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 17:30  
 Analyst: EJL  
 Percent Solids: 98%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:39  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.57  | 0.308 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.655 | 0.293 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.655 | 0.186 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.57  | 0.596 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.786 | 0.352 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.57  | 0.553 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 2.95  | 0.884 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.655 | 0.268 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 1.96  | 0.688 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.57  | 0.405 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 0.982 | 0.491 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.57  | 0.364 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.57  | 0.561 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.57  | 1.26  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.57  | 0.371 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.57  | 0.525 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.655 | 0.312 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 2.95  | 0.917 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 29.5  | 8.25  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 1.96  | 0.548 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 1.96  | 0.519 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 13.1  | 5.21  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-24**Date Collected:** 05/16/23 10:50**Client ID:** SRI-06\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 83         |           | 30-150              | A      |
| Decachlorobiphenyl           | 116        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 81         |           | 30-150              | B      |
| Decachlorobiphenyl           | 111        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-25  
 Client ID: SRI-06\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:55  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 17:03  
 Analyst: EJL  
 Percent Solids: 96%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:39  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.56  | 0.306 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.652 | 0.292 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.652 | 0.185 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.56  | 0.594 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.783 | 0.351 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.56  | 0.551 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 2.94  | 0.880 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.652 | 0.267 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 1.96  | 0.685 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.56  | 0.403 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 0.978 | 0.489 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.56  | 0.362 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.56  | 0.558 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.56  | 1.26  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.56  | 0.370 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.56  | 0.523 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.652 | 0.310 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 2.94  | 0.913 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 29.4  | 8.22  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 1.96  | 0.545 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 1.96  | 0.517 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 13.0  | 5.18  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-25**Date Collected:** 05/16/23 10:55**Client ID:** SRI-06\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 72         |           | 30-150              | A      |
| Decachlorobiphenyl           | 87         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 69         |           | 30-150              | B      |
| Decachlorobiphenyl           | 88         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-27  
 Client ID: SRI-05\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:35  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 17:14  
 Analyst: EJL  
 Percent Solids: 89%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:42  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.74  | 0.340 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.724 | 0.324 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.724 | 0.206 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.74  | 0.659 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.869 | 0.389 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.74  | 0.612 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.26  | 0.977 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.724 | 0.297 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.17  | 0.760 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.74  | 0.447 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.08  | 0.543 | 1               | A      |
| 4,4'-DDE                                          | 2.72   |           | ug/kg | 1.74  | 0.402 | 1               | B      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.74  | 0.620 | 1               | A      |
| 4,4'-DDT                                          | 1.55   | JIP       | ug/kg | 1.74  | 1.40  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.74  | 0.410 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.74  | 0.580 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.724 | 0.344 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.26  | 1.01  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 32.6  | 9.12  | 1               | A      |
| cis-Chlordane                                     | 0.955  | J         | ug/kg | 2.17  | 0.605 | 1               | A      |
| trans-Chlordane                                   | 1.36   | JIP       | ug/kg | 2.17  | 0.573 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.5  | 5.75  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-27

Date Collected: 05/16/23 12:35

Client ID: SRI-05\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 138        |           | 30-150              | A      |
| Decachlorobiphenyl           | 159        | Q         | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 148        |           | 30-150              | B      |
| Decachlorobiphenyl           | 201        | Q         | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-28  
 Client ID: SRI-05\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:40  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 17:25  
 Analyst: EJL  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:42  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.70  | 0.333 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.709 | 0.317 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.709 | 0.201 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.70  | 0.646 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.851 | 0.382 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.70  | 0.599 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.19  | 0.958 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.709 | 0.291 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.13  | 0.745 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.70  | 0.438 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.06  | 0.532 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.70  | 0.394 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.70  | 0.607 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.70  | 1.37  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.70  | 0.402 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.70  | 0.569 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.709 | 0.338 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.19  | 0.993 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 31.9  | 8.94  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.13  | 0.593 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.13  | 0.562 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.2  | 5.64  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-28**Date Collected:** 05/16/23 12:40**Client ID:** SRI-05\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 70         |           | 30-150              | A      |
| Decachlorobiphenyl           | 85         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 70         |           | 30-150              | B      |
| Decachlorobiphenyl           | 89         |           | 30-150              | B      |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-30  
 Client ID: SRI-07\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 17:37  
 Analyst: EJL  
 Percent Solids: 87%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:42  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.76  | 0.345 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.734 | 0.328 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.734 | 0.208 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.76  | 0.668 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.881 | 0.395 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.76  | 0.620 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.30  | 0.991 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.734 | 0.301 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.20  | 0.770 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.76  | 0.454 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.10  | 0.550 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.76  | 0.407 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.76  | 0.628 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.76  | 1.42  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.76  | 0.416 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.76  | 0.588 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.734 | 0.349 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.30  | 1.03  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 33.0  | 9.25  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.20  | 0.614 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.20  | 0.581 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.7  | 5.83  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-30**Date Collected:** 05/16/23 12:00**Client ID:** SRI-07\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 73         |           | 30-150              | A      |
| Decachlorobiphenyl           | 86         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 70         |           | 30-150              | B      |
| Decachlorobiphenyl           | 87         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-31  
 Client ID: SRI-07\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 12:05  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 17:41  
 Analyst: EJL  
 Percent Solids: 97%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:42  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.64  | 0.322 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.686 | 0.306 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.686 | 0.195 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.64  | 0.624 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.823 | 0.369 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.64  | 0.579 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.08  | 0.926 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.686 | 0.281 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.06  | 0.720 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.64  | 0.424 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.03  | 0.514 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.64  | 0.380 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.64  | 0.587 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.64  | 1.32  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.64  | 0.389 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.64  | 0.550 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.686 | 0.326 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.08  | 0.960 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 30.8  | 8.64  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.06  | 0.573 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.06  | 0.543 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 13.7  | 5.45  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-31**Date Collected:** 05/16/23 12:05**Client ID:** SRI-07\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 85         |           | 30-150              | A      |
| Decachlorobiphenyl           | 105        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 82         |           | 30-150              | B      |
| Decachlorobiphenyl           | 100        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-33  
 Client ID: SRI-08\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 13:20  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 17:48  
 Analyst: EJL  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:42  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.74  | 0.341 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.725 | 0.324 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.725 | 0.206 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.74  | 0.660 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.870 | 0.390 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.74  | 0.613 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.26  | 0.979 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.725 | 0.297 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.18  | 0.761 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.74  | 0.448 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.09  | 0.544 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.74  | 0.402 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.74  | 0.621 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.74  | 1.40  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.74  | 0.411 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.74  | 0.582 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.725 | 0.345 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.26  | 1.02  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 32.6  | 9.14  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.18  | 0.606 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.18  | 0.574 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.5  | 5.76  | 1               | A      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-33  
**Client ID:** SRI-08\_14-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 13:20  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

Sample Depth:

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 74         |           | 30-150              | A      |
| Decachlorobiphenyl           | 86         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 72         |           | 30-150              | B      |
| Decachlorobiphenyl           | 86         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-34  
 Client ID: SRI-08\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 13:25  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 17:52  
 Analyst: EJL  
 Percent Solids: 95%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:42  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.64  | 0.322 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.685 | 0.306 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.685 | 0.195 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.64  | 0.624 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.822 | 0.369 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.64  | 0.579 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.08  | 0.925 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.685 | 0.281 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.06  | 0.720 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.64  | 0.424 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.03  | 0.514 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.64  | 0.380 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.64  | 0.587 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.64  | 1.32  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.64  | 0.389 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.64  | 0.550 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.685 | 0.326 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.08  | 0.960 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 30.8  | 8.64  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.06  | 0.573 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.06  | 0.543 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 13.7  | 5.45  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-34**Date Collected:** 05/16/23 13:25**Client ID:** SRI-08\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 82         |           | 30-150              | A      |
| Decachlorobiphenyl           | 98         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 82         |           | 30-150              | B      |
| Decachlorobiphenyl           | 93         |           | 30-150              | B      |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-36  
 Client ID: SRI-09\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 17:59  
 Analyst: EJL  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:42  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.73  | 0.338 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.719 | 0.322 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.719 | 0.204 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.73  | 0.654 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.863 | 0.387 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.73  | 0.608 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.24  | 0.971 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.719 | 0.295 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.16  | 0.755 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.73  | 0.444 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.08  | 0.539 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.73  | 0.399 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.73  | 0.616 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.73  | 1.39  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.73  | 0.408 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.73  | 0.577 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.719 | 0.342 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.24  | 1.01  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 32.4  | 9.06  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.16  | 0.601 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.16  | 0.570 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.4  | 5.72  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-36**Date Collected:** 05/16/23 14:00**Client ID:** SRI-09\_14-16**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 76         |           | 30-150              | A      |
| Decachlorobiphenyl           | 92         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 74         |           | 30-150              | B      |
| Decachlorobiphenyl           | 102        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-37  
 Client ID: SRI-09\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:05  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 18:10  
 Analyst: EJL  
 Percent Solids: 88%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:42  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.78  | 0.348 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.742 | 0.332 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.742 | 0.211 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.78  | 0.675 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.890 | 0.399 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.78  | 0.627 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.34  | 1.00  | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.742 | 0.304 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.22  | 0.779 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.78  | 0.458 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.11  | 0.556 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.78  | 0.412 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.78  | 0.635 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.78  | 1.43  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.78  | 0.420 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.78  | 0.595 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.742 | 0.353 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.34  | 1.04  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 33.4  | 9.34  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.22  | 0.620 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.22  | 0.587 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.8  | 5.90  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-37**Date Collected:** 05/16/23 14:05**Client ID:** SRI-09\_20-22**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 71         |           | 30-150              | A      |
| Decachlorobiphenyl           | 86         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 68         |           | 30-150              | B      |
| Decachlorobiphenyl           | 89         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-39  
 Client ID: DUP-01\_05162023  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 00:00  
 Date Received: 05/16/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 18:03  
 Analyst: EJL  
 Percent Solids: 76%

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:42  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.99  | 0.390 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.830 | 0.371 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.830 | 0.236 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.99  | 0.756 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.996 | 0.447 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.99  | 0.702 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.74  | 1.12  | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.830 | 0.340 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.49  | 0.872 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.99  | 0.513 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.24  | 0.623 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.99  | 0.461 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.99  | 0.711 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.99  | 1.60  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.99  | 0.471 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.99  | 0.666 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.830 | 0.395 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.74  | 1.16  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 37.4  | 10.5  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.49  | 0.694 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.49  | 0.658 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 16.6  | 6.60  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-39**Date Collected:** 05/16/23 00:00**Client ID:** DUP-01\_05162023**Date Received:** 05/16/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 74         |           | 30-150              | A      |
| Decachlorobiphenyl           | 99         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 73         |           | 30-150              | B      |
| Decachlorobiphenyl           | 96         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8081B  
**Analytical Date:** 05/17/23 16:01  
**Analyst:** EJJ

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 09:39  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 05/17/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/17/23

| Parameter                                                                                                                     | Result | Qualifier | Units | RL    | MDL   | Column |
|-------------------------------------------------------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 18-19,21,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1779976-1 |        |           |       |       |       |        |
| Delta-BHC                                                                                                                     | ND     |           | ug/kg | 1.52  | 0.298 | A      |
| Lindane                                                                                                                       | ND     |           | ug/kg | 0.634 | 0.283 | A      |
| Alpha-BHC                                                                                                                     | ND     |           | ug/kg | 0.634 | 0.180 | A      |
| Beta-BHC                                                                                                                      | ND     |           | ug/kg | 1.52  | 0.577 | A      |
| Heptachlor                                                                                                                    | ND     |           | ug/kg | 0.761 | 0.341 | A      |
| Aldrin                                                                                                                        | ND     |           | ug/kg | 1.52  | 0.536 | A      |
| Heptachlor epoxide                                                                                                            | ND     |           | ug/kg | 2.85  | 0.856 | A      |
| Endrin                                                                                                                        | ND     |           | ug/kg | 0.634 | 0.260 | A      |
| Endrin aldehyde                                                                                                               | ND     |           | ug/kg | 1.90  | 0.666 | A      |
| Endrin ketone                                                                                                                 | ND     |           | ug/kg | 1.52  | 0.392 | A      |
| Dieldrin                                                                                                                      | ND     |           | ug/kg | 0.951 | 0.476 | A      |
| 4,4'-DDE                                                                                                                      | ND     |           | ug/kg | 1.52  | 0.352 | A      |
| 4,4'-DDD                                                                                                                      | ND     |           | ug/kg | 1.52  | 0.543 | A      |
| 4,4'-DDT                                                                                                                      | ND     |           | ug/kg | 1.52  | 1.22  | A      |
| Endosulfan I                                                                                                                  | ND     |           | ug/kg | 1.52  | 0.360 | A      |
| Endosulfan II                                                                                                                 | ND     |           | ug/kg | 1.52  | 0.508 | A      |
| Endosulfan sulfate                                                                                                            | ND     |           | ug/kg | 0.634 | 0.302 | A      |
| Methoxychlor                                                                                                                  | ND     |           | ug/kg | 2.85  | 0.888 | A      |
| Toxaphene                                                                                                                     | ND     |           | ug/kg | 28.5  | 7.99  | A      |
| cis-Chlordane                                                                                                                 | ND     |           | ug/kg | 1.90  | 0.530 | A      |
| trans-Chlordane                                                                                                               | ND     |           | ug/kg | 1.90  | 0.502 | A      |
| Chlordane                                                                                                                     | ND     |           | ug/kg | 12.7  | 5.04  | A      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
 Analytical Date: 05/17/23 16:01  
 Analyst: EJJ

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 09:39  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/17/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/17/23

| Parameter                                                                                                                     | Result | Qualifier | Units | RL | MDL | Column |
|-------------------------------------------------------------------------------------------------------------------------------|--------|-----------|-------|----|-----|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 18-19,21,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1779976-1 |        |           |       |    |     |        |

| Surrogate                    | %Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|-----------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 83        |           | 30-150              | A      |
| Decachlorobiphenyl           | 116       |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 81        |           | 30-150              | B      |
| Decachlorobiphenyl           | 115       |           | 30-150              | B      |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8081B  
**Analytical Date:** 05/18/23 08:18  
**Analyst:** AAR

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/17/23 19:08  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 05/18/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/18/23

| Parameter                                                                              | Result | Qualifier | Units | RL    | MDL   | Column |
|----------------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 22 Batch: WG1780219-1 |        |           |       |       |       |        |
| Delta-BHC                                                                              | ND     |           | ug/kg | 1.56  | 0.306 | A      |
| Lindane                                                                                | ND     |           | ug/kg | 0.652 | 0.292 | A      |
| Alpha-BHC                                                                              | ND     |           | ug/kg | 0.652 | 0.185 | A      |
| Beta-BHC                                                                               | ND     |           | ug/kg | 1.56  | 0.594 | A      |
| Heptachlor                                                                             | ND     |           | ug/kg | 0.783 | 0.351 | A      |
| Aldrin                                                                                 | ND     |           | ug/kg | 1.56  | 0.551 | A      |
| Heptachlor epoxide                                                                     | ND     |           | ug/kg | 2.94  | 0.881 | A      |
| Endrin                                                                                 | ND     |           | ug/kg | 0.652 | 0.267 | A      |
| Endrin aldehyde                                                                        | ND     |           | ug/kg | 1.96  | 0.685 | A      |
| Endrin ketone                                                                          | ND     |           | ug/kg | 1.56  | 0.403 | A      |
| Dieldrin                                                                               | ND     |           | ug/kg | 0.978 | 0.489 | A      |
| 4,4'-DDE                                                                               | ND     |           | ug/kg | 1.56  | 0.362 | A      |
| 4,4'-DDD                                                                               | ND     |           | ug/kg | 1.56  | 0.558 | A      |
| 4,4'-DDT                                                                               | ND     |           | ug/kg | 1.56  | 1.26  | A      |
| Endosulfan I                                                                           | ND     |           | ug/kg | 1.56  | 0.370 | A      |
| Endosulfan II                                                                          | ND     |           | ug/kg | 1.56  | 0.523 | A      |
| Endosulfan sulfate                                                                     | ND     |           | ug/kg | 0.652 | 0.310 | A      |
| Methoxychlor                                                                           | ND     |           | ug/kg | 2.94  | 0.913 | A      |
| Toxaphene                                                                              | ND     |           | ug/kg | 29.4  | 8.22  | A      |
| cis-Chlordane                                                                          | ND     |           | ug/kg | 1.96  | 0.545 | A      |
| trans-Chlordane                                                                        | ND     |           | ug/kg | 1.96  | 0.517 | A      |
| Chlordane                                                                              | ND     |           | ug/kg | 13.0  | 5.18  | A      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
 Analytical Date: 05/18/23 08:18  
 Analyst: AAR

Extraction Method: EPA 3546  
 Extraction Date: 05/17/23 19:08  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/18/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/18/23

| Parameter                                                                              | Result | Qualifier | Units | RL | MDL | Column |
|----------------------------------------------------------------------------------------|--------|-----------|-------|----|-----|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 22 Batch: WG1780219-1 |        |           |       |    |     |        |

| Surrogate                    | %Recovery | Qualifier | Acceptance<br>Criteria | Column |
|------------------------------|-----------|-----------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 78        |           | 30-150                 | A      |
| Decachlorobiphenyl           | 98        |           | 30-150                 | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 83        |           | 30-150                 | B      |
| Decachlorobiphenyl           | 109       |           | 30-150                 | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8151A  
**Analytical Date:** 05/19/23 14:12  
**Analyst:** EJL

**Extraction Method:** EPA 8151A  
**Extraction Date:** 05/18/23 07:31

**Methylation Date:** 05/19/23 07:50

| Parameter                                                                              | Result | Qualifier | Units | RL  | MDL  | Column |
|----------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|--------|
| Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1780389-1 |        |           |       |     |      |        |
| 2,4-D                                                                                  | ND     |           | ug/kg | 164 | 10.3 | A      |
| 2,4,5-T                                                                                | ND     |           | ug/kg | 164 | 5.07 | A      |
| 2,4,5-TP (Silvex)                                                                      | ND     |           | ug/kg | 164 | 4.35 | A      |

| Surrogate | %Recovery | Qualifier | Acceptance<br>Criteria | Column |
|-----------|-----------|-----------|------------------------|--------|
| DCAA      | 89        |           | 30-150                 | A      |
| DCAA      | 85        |           | 30-150                 | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8081B  
**Analytical Date:** 05/19/23 16:00  
**Analyst:** EJJ

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/18/23 20:43  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 05/19/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/19/23

| Parameter                                                                                 | Result | Qualifier | Units | RL    | MDL   | Column |
|-------------------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1780740-1 |        |           |       |       |       |        |
| Delta-BHC                                                                                 | ND     |           | ug/kg | 1.54  | 0.301 | A      |
| Lindane                                                                                   | ND     |           | ug/kg | 0.640 | 0.286 | A      |
| Alpha-BHC                                                                                 | ND     |           | ug/kg | 0.640 | 0.182 | A      |
| Beta-BHC                                                                                  | ND     |           | ug/kg | 1.54  | 0.582 | A      |
| Heptachlor                                                                                | ND     |           | ug/kg | 0.768 | 0.344 | A      |
| Aldrin                                                                                    | ND     |           | ug/kg | 1.54  | 0.541 | A      |
| Heptachlor epoxide                                                                        | ND     |           | ug/kg | 2.88  | 0.864 | A      |
| Endrin                                                                                    | ND     |           | ug/kg | 0.640 | 0.262 | A      |
| Endrin aldehyde                                                                           | ND     |           | ug/kg | 1.92  | 0.672 | A      |
| Endrin ketone                                                                             | ND     |           | ug/kg | 1.54  | 0.395 | A      |
| Dieldrin                                                                                  | ND     |           | ug/kg | 0.960 | 0.480 | A      |
| 4,4'-DDE                                                                                  | ND     |           | ug/kg | 1.54  | 0.355 | A      |
| 4,4'-DDD                                                                                  | ND     |           | ug/kg | 1.54  | 0.548 | A      |
| 4,4'-DDT                                                                                  | ND     |           | ug/kg | 1.54  | 1.23  | A      |
| Endosulfan I                                                                              | ND     |           | ug/kg | 1.54  | 0.363 | A      |
| Endosulfan II                                                                             | ND     |           | ug/kg | 1.54  | 0.513 | A      |
| Endosulfan sulfate                                                                        | ND     |           | ug/kg | 0.640 | 0.304 | A      |
| Methoxychlor                                                                              | ND     |           | ug/kg | 2.88  | 0.896 | A      |
| Toxaphene                                                                                 | ND     |           | ug/kg | 28.8  | 8.06  | A      |
| cis-Chlordane                                                                             | ND     |           | ug/kg | 1.92  | 0.535 | A      |
| trans-Chlordane                                                                           | ND     |           | ug/kg | 1.92  | 0.507 | A      |
| Chlordane                                                                                 | ND     |           | ug/kg | 12.8  | 5.09  | A      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
 Analytical Date: 05/19/23 16:00  
 Analyst: EJL

Extraction Method: EPA 3546  
 Extraction Date: 05/18/23 20:43  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/19/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/19/23

| Parameter                                                                                 | Result | Qualifier | Units | RL | MDL | Column |
|-------------------------------------------------------------------------------------------|--------|-----------|-------|----|-----|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1780740-1 |        |           |       |    |     |        |

| Surrogate                    | %Recovery | Qualifier | Acceptance<br>Criteria | Column |
|------------------------------|-----------|-----------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 86        |           | 30-150                 | A      |
| Decachlorobiphenyl           | 108       |           | 30-150                 | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 84        |           | 30-150                 | B      |
| Decachlorobiphenyl           | 111       |           | 30-150                 | B      |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

| Parameter                                                                                                                                        | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 18-19,21,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1779976-2 WG1779976-3 |                  |      |                   |      |                     |     |      |               |        |
| Delta-BHC                                                                                                                                        | 96               |      | 102               |      | 30-150              | 6   |      | 30            | A      |
| Lindane                                                                                                                                          | 88               |      | 94                |      | 30-150              | 7   |      | 30            | A      |
| Alpha-BHC                                                                                                                                        | 92               |      | 97                |      | 30-150              | 5   |      | 30            | A      |
| Beta-BHC                                                                                                                                         | 101              |      | 96                |      | 30-150              | 5   |      | 30            | A      |
| Heptachlor                                                                                                                                       | 88               |      | 96                |      | 30-150              | 9   |      | 30            | A      |
| Aldrin                                                                                                                                           | 89               |      | 94                |      | 30-150              | 5   |      | 30            | A      |
| Heptachlor epoxide                                                                                                                               | 82               |      | 87                |      | 30-150              | 6   |      | 30            | A      |
| Endrin                                                                                                                                           | 88               |      | 95                |      | 30-150              | 8   |      | 30            | A      |
| Endrin aldehyde                                                                                                                                  | 61               |      | 62                |      | 30-150              | 2   |      | 30            | A      |
| Endrin ketone                                                                                                                                    | 76               |      | 79                |      | 30-150              | 4   |      | 30            | A      |
| Dieldrin                                                                                                                                         | 95               |      | 101               |      | 30-150              | 6   |      | 30            | A      |
| 4,4'-DDE                                                                                                                                         | 88               |      | 94                |      | 30-150              | 7   |      | 30            | A      |
| 4,4'-DDD                                                                                                                                         | 96               |      | 101               |      | 30-150              | 5   |      | 30            | A      |
| 4,4'-DDT                                                                                                                                         | 93               |      | 100               |      | 30-150              | 7   |      | 30            | A      |
| Endosulfan I                                                                                                                                     | 85               |      | 90                |      | 30-150              | 6   |      | 30            | A      |
| Endosulfan II                                                                                                                                    | 88               |      | 93                |      | 30-150              | 6   |      | 30            | A      |
| Endosulfan sulfate                                                                                                                               | 53               |      | 54                |      | 30-150              | 2   |      | 30            | A      |
| Methoxychlor                                                                                                                                     | 91               |      | 96                |      | 30-150              | 5   |      | 30            | A      |
| cis-Chlordane                                                                                                                                    | 87               |      | 91                |      | 30-150              | 4   |      | 30            | A      |
| trans-Chlordane                                                                                                                                  | 97               |      | 103               |      | 30-150              | 6   |      | 30            | A      |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| <b>Parameter</b> | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>%Recovery<br/>Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD<br/>Limits</b> |
|------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|
|------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 18-19,21,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1779976-2 WG1779976-3

| <b>Surrogate</b>             | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>Acceptance<br/>Criteria</b> | <b>Column</b> |
|------------------------------|--------------------------|-------------|---------------------------|-------------|--------------------------------|---------------|
| 2,4,5,6-Tetrachloro-m-xylene | 80                       |             | 84                        |             | 30-150                         | A             |
| Decachlorobiphenyl           | 107                      |             | 113                       |             | 30-150                         | A             |
| 2,4,5,6-Tetrachloro-m-xylene | 78                       |             | 83                        |             | 30-150                         | B             |
| Decachlorobiphenyl           | 104                      |             | 114                       |             | 30-150                         | B             |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                 | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|-----------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 22 Batch: WG1780219-2 WG1780219-3 |                  |      |                   |      |                     |     |      |               |        |
| Delta-BHC                                                                                                 | 88               |      | 89                |      | 30-150              | 1   |      | 30            | A      |
| Lindane                                                                                                   | 85               |      | 83                |      | 30-150              | 2   |      | 30            | A      |
| Alpha-BHC                                                                                                 | 89               |      | 86                |      | 30-150              | 3   |      | 30            | A      |
| Beta-BHC                                                                                                  | 86               |      | 83                |      | 30-150              | 4   |      | 30            | A      |
| Heptachlor                                                                                                | 80               |      | 79                |      | 30-150              | 1   |      | 30            | A      |
| Aldrin                                                                                                    | 82               |      | 82                |      | 30-150              | 0   |      | 30            | A      |
| Heptachlor epoxide                                                                                        | 76               |      | 76                |      | 30-150              | 0   |      | 30            | A      |
| Endrin                                                                                                    | 78               |      | 81                |      | 30-150              | 4   |      | 30            | A      |
| Endrin aldehyde                                                                                           | 47               |      | 53                |      | 30-150              | 12  |      | 30            | A      |
| Endrin ketone                                                                                             | 62               |      | 69                |      | 30-150              | 11  |      | 30            | A      |
| Dieldrin                                                                                                  | 84               |      | 87                |      | 30-150              | 4   |      | 30            | A      |
| 4,4'-DDE                                                                                                  | 82               |      | 84                |      | 30-150              | 2   |      | 30            | A      |
| 4,4'-DDD                                                                                                  | 84               |      | 87                |      | 30-150              | 4   |      | 30            | A      |
| 4,4'-DDT                                                                                                  | 75               |      | 81                |      | 30-150              | 8   |      | 30            | A      |
| Endosulfan I                                                                                              | 78               |      | 80                |      | 30-150              | 3   |      | 30            | A      |
| Endosulfan II                                                                                             | 75               |      | 79                |      | 30-150              | 5   |      | 30            | A      |
| Endosulfan sulfate                                                                                        | 42               |      | 50                |      | 30-150              | 17  |      | 30            | A      |
| Methoxychlor                                                                                              | 66               |      | 72                |      | 30-150              | 9   |      | 30            | A      |
| cis-Chlordane                                                                                             | 72               |      | 73                |      | 30-150              | 1   |      | 30            | A      |
| trans-Chlordane                                                                                           | 92               |      | 94                |      | 30-150              | 2   |      | 30            | A      |



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

| Parameter | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-----------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
|-----------|------------------|------|-------------------|------|---------------------|-----|------|---------------|

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 22 Batch: WG1780219-2 WG1780219-3

| Surrogate                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria | Column |
|------------------------------|------------------|------|-------------------|------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 76               |      | 74                |      | 30-150                 | A      |
| Decachlorobiphenyl           | 90               |      | 94                |      | 30-150                 | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 82               |      | 79                |      | 30-150                 | B      |
| Decachlorobiphenyl           | 99               |      | 104               |      | 30-150                 | B      |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

| Parameter                                                                                                 | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|-----------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1780389-2 WG1780389-3 |                  |      |                   |      |                     |     |      |               |        |
| 2,4-D                                                                                                     | 102              |      | 93                |      | 30-150              | 9   |      | 30            | A      |
| 2,4,5-T                                                                                                   | 83               |      | 75                |      | 30-150              | 10  |      | 30            | A      |
| 2,4,5-TP (Silvex)                                                                                         | 89               |      | 83                |      | 30-150              | 7   |      | 30            | A      |

| Surrogate | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria | Column |
|-----------|------------------|------|-------------------|------|------------------------|--------|
| DCAA      | 93               |      | 98                |      | 30-150                 | A      |
| DCAA      | 95               |      | 90                |      | 30-150                 | B      |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

| Parameter                                                                                                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|--------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1780740-2 WG1780740-3 |                  |      |                   |      |                     |     |      |               |        |
| Delta-BHC                                                                                                    | 84               |      | 99                |      | 30-150              | 16  |      | 30            | A      |
| Lindane                                                                                                      | 78               |      | 94                |      | 30-150              | 19  |      | 30            | A      |
| Alpha-BHC                                                                                                    | 78               |      | 95                |      | 30-150              | 20  |      | 30            | A      |
| Beta-BHC                                                                                                     | 86               |      | 103               |      | 30-150              | 18  |      | 30            | A      |
| Heptachlor                                                                                                   | 72               |      | 89                |      | 30-150              | 21  |      | 30            | A      |
| Aldrin                                                                                                       | 77               |      | 92                |      | 30-150              | 18  |      | 30            | A      |
| Heptachlor epoxide                                                                                           | 70               |      | 84                |      | 30-150              | 18  |      | 30            | A      |
| Endrin                                                                                                       | 80               |      | 94                |      | 30-150              | 16  |      | 30            | A      |
| Endrin aldehyde                                                                                              | 64               |      | 74                |      | 30-150              | 14  |      | 30            | A      |
| Endrin ketone                                                                                                | 78               |      | 92                |      | 30-150              | 16  |      | 30            | A      |
| Dieldrin                                                                                                     | 84               |      | 100               |      | 30-150              | 17  |      | 30            | A      |
| 4,4'-DDE                                                                                                     | 80               |      | 94                |      | 30-150              | 16  |      | 30            | A      |
| 4,4'-DDD                                                                                                     | 86               |      | 101               |      | 30-150              | 16  |      | 30            | A      |
| 4,4'-DDT                                                                                                     | 79               |      | 94                |      | 30-150              | 17  |      | 30            | A      |
| Endosulfan I                                                                                                 | 76               |      | 90                |      | 30-150              | 17  |      | 30            | A      |
| Endosulfan II                                                                                                | 80               |      | 94                |      | 30-150              | 16  |      | 30            | A      |
| Endosulfan sulfate                                                                                           | 63               |      | 73                |      | 30-150              | 15  |      | 30            | A      |
| Methoxychlor                                                                                                 | 76               |      | 87                |      | 30-150              | 13  |      | 30            | A      |
| cis-Chlordane                                                                                                | 68               |      | 79                |      | 30-150              | 15  |      | 30            | A      |
| trans-Chlordane                                                                                              | 91               |      | 109               |      | 30-150              | 18  |      | 30            | A      |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| <b>Parameter</b>                                                                                             | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>%Recovery<br/>Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD<br/>Limits</b> |
|--------------------------------------------------------------------------------------------------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1780740-2 WG1780740-3 |                          |             |                           |             |                             |            |             |                       |

| <b>Surrogate</b>             | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>Acceptance<br/>Criteria</b> | <b>Column</b> |
|------------------------------|--------------------------|-------------|---------------------------|-------------|--------------------------------|---------------|
| 2,4,5,6-Tetrachloro-m-xylene | 82                       |             | 93                        |             | 30-150                         | A             |
| Decachlorobiphenyl           | 102                      |             | 114                       |             | 30-150                         | A             |
| 2,4,5,6-Tetrachloro-m-xylene | 81                       |             | 91                        |             | 30-150                         | B             |
| Decachlorobiphenyl           | 105                      |             | 116                       |             | 30-150                         | B             |

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                                                                                | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits | Column |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 18-19,21,24-25,27-28,30-31,33-34,36-37,39 QC Batch ID: WG1779976-4<br>WG1779976-5 QC Sample: L2327188-18 Client ID: SRI-01_14-16 |               |          |          |              |      |           |               |      |                 |     |      |            |        |
| Delta-BHC                                                                                                                                                                                                | ND            | 33       | 34.8     | 105          |      | 32.4      | 97            |      | 30-150          | 7   |      | 50         | A      |
| Lindane                                                                                                                                                                                                  | ND            | 33       | 31.9     | 97           |      | 29.5      | 89            |      | 30-150          | 8   |      | 50         | A      |
| Alpha-BHC                                                                                                                                                                                                | ND            | 33       | 33.2     | 101          |      | 30.8      | 92            |      | 30-150          | 8   |      | 50         | A      |
| Beta-BHC                                                                                                                                                                                                 | ND            | 33       | 33.6     | 102          |      | 30.6      | 92            |      | 30-150          | 9   |      | 50         | A      |
| Heptachlor                                                                                                                                                                                               | ND            | 33       | 33.1     | 100          |      | 29.9      | 90            |      | 30-150          | 10  |      | 50         | A      |
| Aldrin                                                                                                                                                                                                   | ND            | 33       | 32.6     | 99           |      | 29.5      | 89            |      | 30-150          | 10  |      | 50         | A      |
| Heptachlor epoxide                                                                                                                                                                                       | ND            | 33       | 29.9     | 91           |      | 26.1      | 78            |      | 30-150          | 14  |      | 50         | A      |
| Endrin                                                                                                                                                                                                   | ND            | 33       | 32.0     | 97           |      | 29.8      | 89            |      | 30-150          | 7   |      | 50         | A      |
| Endrin aldehyde                                                                                                                                                                                          | ND            | 33       | 23.0     | 70           |      | 19.7      | 59            |      | 30-150          | 15  |      | 50         | A      |
| Endrin ketone                                                                                                                                                                                            | ND            | 33       | 28.8     | 87           |      | 26.5      | 80            |      | 30-150          | 8   |      | 50         | A      |
| Dieldrin                                                                                                                                                                                                 | ND            | 33       | 34.6     | 105          |      | 32.0      | 96            |      | 30-150          | 8   |      | 50         | A      |
| 4,4'-DDE                                                                                                                                                                                                 | ND            | 33       | 32.4     | 98           |      | 29.6      | 89            |      | 30-150          | 9   |      | 50         | A      |
| 4,4'-DDD                                                                                                                                                                                                 | ND            | 33       | 35.0     | 106          |      | 32.3      | 97            |      | 30-150          | 8   |      | 50         | A      |
| 4,4'-DDT                                                                                                                                                                                                 | ND            | 33       | 33.9     | 103          |      | 30.8      | 92            |      | 30-150          | 10  |      | 50         | A      |
| Endosulfan I                                                                                                                                                                                             | ND            | 33       | 30.9     | 94           |      | 28.4      | 85            |      | 30-150          | 8   |      | 50         | A      |
| Endosulfan II                                                                                                                                                                                            | ND            | 33       | 32.0     | 97           |      | 29.7      | 89            |      | 30-150          | 7   |      | 50         | A      |
| Endosulfan sulfate                                                                                                                                                                                       | ND            | 33       | 21.0     | 64           |      | 19.1      | 57            |      | 30-150          | 9   |      | 50         | A      |
| Methoxychlor                                                                                                                                                                                             | ND            | 33       | 33.4     | 101          |      | 30.7      | 92            |      | 30-150          | 8   |      | 50         | A      |
| cis-Chlordane                                                                                                                                                                                            | ND            | 33       | 31.5     | 95           |      | 28.2      | 85            |      | 30-150          | 11  |      | 50         | A      |
| trans-Chlordane                                                                                                                                                                                          | ND            | 33       | 35.5     | 107          |      | 32.7      | 98            |      | 30-150          | 8   |      | 50         | A      |

**Matrix Spike Analysis****Batch Quality Control****Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23

| <b>Parameter</b> | <b>Native Sample</b> | <b>MS Added</b> | <b>MS Found</b> | <b>MS %Recovery</b> | <b>Qual</b> | <b>MSD Found</b> | <b>MSD %Recovery</b> | <b>Qual</b> | <b>Recovery Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD Limits</b> |
|------------------|----------------------|-----------------|-----------------|---------------------|-------------|------------------|----------------------|-------------|------------------------|------------|-------------|-------------------|
|------------------|----------------------|-----------------|-----------------|---------------------|-------------|------------------|----------------------|-------------|------------------------|------------|-------------|-------------------|

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 18-19,21,24-25,27-28,30-31,33-34,36-37,39 QC Batch ID: WG1779976-4  
 WG1779976-5 QC Sample: L2327188-18 Client ID: SRI-01\_14-16

| <b>Surrogate</b>             | <b>MS % Recovery</b> | <b>Qualifier</b> | <b>MSD % Recovery</b> | <b>Qualifier</b> | <b>Acceptance Criteria</b> | <b>Column</b> |
|------------------------------|----------------------|------------------|-----------------------|------------------|----------------------------|---------------|
| 2,4,5,6-Tetrachloro-m-xylene | 86                   |                  | 79                    |                  | 30-150                     | A             |
| Decachlorobiphenyl           | 124                  |                  | 111                   |                  | 30-150                     | A             |
| 2,4,5,6-Tetrachloro-m-xylene | 85                   |                  | 76                    |                  | 30-150                     | B             |
| Decachlorobiphenyl           | 118                  |                  | 106                   |                  | 30-150                     | B             |

## METALS

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-01

Date Collected: 05/16/23 10:15

Client ID: WC-A\_COMP\_0-4

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 89%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------|--------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------|----------------------|---------|
|-----------|--------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------|----------------------|---------|

**TCLP Metals by EPA 1311 - Mansfield Lab**

|                |        |   |      |        |        |   |                |                |           |         |     |
|----------------|--------|---|------|--------|--------|---|----------------|----------------|-----------|---------|-----|
| Arsenic, TCLP  | ND     |   | mg/l | 1.00   | 0.0190 | 1 | 05/19/23 15:18 | 05/19/23 20:29 | EPA 3015  | 1,6010D | MRC |
| Barium, TCLP   | 0.389  | J | mg/l | 0.500  | 0.0210 | 1 | 05/19/23 15:18 | 05/19/23 20:29 | EPA 3015  | 1,6010D | MRC |
| Cadmium, TCLP  | ND     |   | mg/l | 0.100  | 0.0100 | 1 | 05/19/23 15:18 | 05/19/23 20:29 | EPA 3015  | 1,6010D | MRC |
| Chromium, TCLP | ND     |   | mg/l | 0.200  | 0.0210 | 1 | 05/19/23 15:18 | 05/19/23 20:29 | EPA 3015  | 1,6010D | MRC |
| Lead, TCLP     | 0.0700 | J | mg/l | 0.500  | 0.0270 | 1 | 05/19/23 15:18 | 05/19/23 20:29 | EPA 3015  | 1,6010D | MRC |
| Mercury, TCLP  | ND     |   | mg/l | 0.0010 | 0.0005 | 1 | 05/19/23 15:20 | 05/23/23 12:50 | EPA 7470A | 1,7470A | DHL |
| Selenium, TCLP | ND     |   | mg/l | 0.500  | 0.0350 | 1 | 05/19/23 15:18 | 05/19/23 20:29 | EPA 3015  | 1,6010D | MRC |
| Silver, TCLP   | ND     |   | mg/l | 0.100  | 0.0280 | 1 | 05/19/23 15:18 | 05/19/23 20:29 | EPA 3015  | 1,6010D | MRC |





**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-01

Date Collected: 05/16/23 10:15

Client ID: WC-A\_COMP\_0-4

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 6920   |           | mg/kg | 8.43  | 2.28  | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Antimony, Total              | ND     |           | mg/kg | 4.21  | 0.320 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Arsenic, Total               | 2.98   |           | mg/kg | 0.843 | 0.175 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Barium, Total                | 40.1   |           | mg/kg | 0.843 | 0.147 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Beryllium, Total             | 0.220  | J         | mg/kg | 0.421 | 0.028 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Cadmium, Total               | ND     |           | mg/kg | 0.843 | 0.083 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Calcium, Total               | 3220   |           | mg/kg | 8.43  | 2.95  | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Chromium, Total              | 16.6   |           | mg/kg | 0.843 | 0.081 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Cobalt, Total                | 7.14   |           | mg/kg | 1.68  | 0.140 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Copper, Total                | 14.2   |           | mg/kg | 0.843 | 0.217 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Iron, Total                  | 18700  |           | mg/kg | 4.21  | 0.761 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Lead, Total                  | 42.2   |           | mg/kg | 4.21  | 0.226 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Magnesium, Total             | 1560   |           | mg/kg | 8.43  | 1.30  | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Manganese, Total             | 223    |           | mg/kg | 0.843 | 0.134 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Mercury, Total               | 0.170  |           | mg/kg | 0.077 | 0.051 | 1               | 05/18/23 13:51 | 05/22/23 22:35 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 8.63   |           | mg/kg | 2.11  | 0.204 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Potassium, Total             | 543    |           | mg/kg | 211   | 12.1  | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Selenium, Total              | 0.252  | J         | mg/kg | 1.68  | 0.217 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Silver, Total                | ND     |           | mg/kg | 0.421 | 0.238 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Sodium, Total                | 376    |           | mg/kg | 168   | 2.66  | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Thallium, Total              | ND     |           | mg/kg | 1.68  | 0.266 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Vanadium, Total              | 24.0   |           | mg/kg | 0.843 | 0.171 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |
| Zinc, Total                  | 40.5   |           | mg/kg | 4.21  | 0.247 | 2               | 05/18/23 13:05 | 05/21/23 13:16 | EPA 3050B   | 1,6010D           | AMW     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-02

Date Collected: 05/16/23 10:20

Client ID: WC-A\_COMP\_4-8

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------|--------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------|----------------------|---------|
|-----------|--------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------|----------------------|---------|

**TCLP Metals by EPA 1311 - Mansfield Lab**

|                |        |   |      |        |        |   |                |                |           |         |     |
|----------------|--------|---|------|--------|--------|---|----------------|----------------|-----------|---------|-----|
| Arsenic, TCLP  | ND     |   | mg/l | 1.00   | 0.0190 | 1 | 05/19/23 15:18 | 05/19/23 20:32 | EPA 3015  | 1,6010D | MRC |
| Barium, TCLP   | 0.418  | J | mg/l | 0.500  | 0.0210 | 1 | 05/19/23 15:18 | 05/19/23 20:32 | EPA 3015  | 1,6010D | MRC |
| Cadmium, TCLP  | ND     |   | mg/l | 0.100  | 0.0100 | 1 | 05/19/23 15:18 | 05/19/23 20:32 | EPA 3015  | 1,6010D | MRC |
| Chromium, TCLP | ND     |   | mg/l | 0.200  | 0.0210 | 1 | 05/19/23 15:18 | 05/19/23 20:32 | EPA 3015  | 1,6010D | MRC |
| Lead, TCLP     | 0.0419 | J | mg/l | 0.500  | 0.0270 | 1 | 05/19/23 15:18 | 05/19/23 20:32 | EPA 3015  | 1,6010D | MRC |
| Mercury, TCLP  | ND     |   | mg/l | 0.0010 | 0.0005 | 1 | 05/19/23 15:20 | 05/23/23 12:53 | EPA 7470A | 1,7470A | DHL |
| Selenium, TCLP | ND     |   | mg/l | 0.500  | 0.0350 | 1 | 05/19/23 15:18 | 05/19/23 20:32 | EPA 3015  | 1,6010D | MRC |
| Silver, TCLP   | ND     |   | mg/l | 0.100  | 0.0280 | 1 | 05/19/23 15:18 | 05/19/23 20:32 | EPA 3015  | 1,6010D | MRC |



Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-02

Date Collected: 05/16/23 10:20

Client ID: WC-A\_COMP\_4-8

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 5570   |           | mg/kg | 8.60  | 2.32  | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Antimony, Total              | ND     |           | mg/kg | 4.30  | 0.327 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Arsenic, Total               | 2.95   |           | mg/kg | 0.860 | 0.179 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Barium, Total                | 31.8   |           | mg/kg | 0.860 | 0.150 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Beryllium, Total             | 0.408  | J         | mg/kg | 0.430 | 0.028 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Cadmium, Total               | ND     |           | mg/kg | 0.860 | 0.084 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Calcium, Total               | 1620   |           | mg/kg | 8.60  | 3.01  | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Chromium, Total              | 16.2   |           | mg/kg | 0.860 | 0.083 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Cobalt, Total                | 7.46   |           | mg/kg | 1.72  | 0.143 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Copper, Total                | 13.4   |           | mg/kg | 0.860 | 0.222 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Iron, Total                  | 19700  |           | mg/kg | 4.30  | 0.776 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Lead, Total                  | 17.2   |           | mg/kg | 4.30  | 0.230 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Magnesium, Total             | 1550   |           | mg/kg | 8.60  | 1.32  | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Manganese, Total             | 168    |           | mg/kg | 0.860 | 0.137 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Mercury, Total               | ND     |           | mg/kg | 0.076 | 0.050 | 1               | 05/18/23 13:51 | 05/22/23 22:47 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 10.4   |           | mg/kg | 2.15  | 0.208 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Potassium, Total             | 578    |           | mg/kg | 215   | 12.4  | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Selenium, Total              | ND     |           | mg/kg | 1.72  | 0.222 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Silver, Total                | ND     |           | mg/kg | 0.430 | 0.243 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Sodium, Total                | 303    |           | mg/kg | 172   | 2.71  | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Thallium, Total              | ND     |           | mg/kg | 1.72  | 0.271 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Vanadium, Total              | 20.9   |           | mg/kg | 0.860 | 0.174 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |
| Zinc, Total                  | 40.3   |           | mg/kg | 4.30  | 0.252 | 2               | 05/18/23 13:05 | 05/21/23 14:03 | EPA 3050B   | 1,6010D           | AMW     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-03

Date Collected: 05/16/23 10:25

Client ID: WC-A\_COMP\_8-12

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 91%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------|--------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------|----------------------|---------|
|-----------|--------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------|----------------------|---------|

**TCLP Metals by EPA 1311 - Mansfield Lab**

|                |       |   |      |        |        |   |                |                |           |         |     |
|----------------|-------|---|------|--------|--------|---|----------------|----------------|-----------|---------|-----|
| Arsenic, TCLP  | ND    |   | mg/l | 1.00   | 0.0190 | 1 | 05/19/23 15:18 | 05/19/23 20:35 | EPA 3015  | 1,6010D | MRC |
| Barium, TCLP   | 0.365 | J | mg/l | 0.500  | 0.0210 | 1 | 05/19/23 15:18 | 05/19/23 20:35 | EPA 3015  | 1,6010D | MRC |
| Cadmium, TCLP  | ND    |   | mg/l | 0.100  | 0.0100 | 1 | 05/19/23 15:18 | 05/19/23 20:35 | EPA 3015  | 1,6010D | MRC |
| Chromium, TCLP | ND    |   | mg/l | 0.200  | 0.0210 | 1 | 05/19/23 15:18 | 05/19/23 20:35 | EPA 3015  | 1,6010D | MRC |
| Lead, TCLP     | 0.145 | J | mg/l | 0.500  | 0.0270 | 1 | 05/19/23 15:18 | 05/19/23 20:35 | EPA 3015  | 1,6010D | MRC |
| Mercury, TCLP  | ND    |   | mg/l | 0.0010 | 0.0005 | 1 | 05/19/23 15:20 | 05/23/23 12:56 | EPA 7470A | 1,7470A | DHL |
| Selenium, TCLP | ND    |   | mg/l | 0.500  | 0.0350 | 1 | 05/19/23 15:18 | 05/19/23 20:35 | EPA 3015  | 1,6010D | MRC |
| Silver, TCLP   | ND    |   | mg/l | 0.100  | 0.0280 | 1 | 05/19/23 15:18 | 05/19/23 20:35 | EPA 3015  | 1,6010D | MRC |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-03

Date Collected: 05/16/23 10:25

Client ID: WC-A\_COMP\_8-12

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 5130   |           | mg/kg | 8.27  | 2.23  | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Antimony, Total              | ND     |           | mg/kg | 4.14  | 0.314 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Arsenic, Total               | 2.10   |           | mg/kg | 0.827 | 0.172 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Barium, Total                | 53.9   |           | mg/kg | 0.827 | 0.144 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Beryllium, Total             | 0.156  | J         | mg/kg | 0.414 | 0.027 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Cadmium, Total               | 0.193  | J         | mg/kg | 0.827 | 0.081 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Calcium, Total               | 1750   |           | mg/kg | 8.27  | 2.90  | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Chromium, Total              | 14.5   |           | mg/kg | 0.827 | 0.079 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Cobalt, Total                | 5.29   |           | mg/kg | 1.65  | 0.137 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Copper, Total                | 16.7   |           | mg/kg | 0.827 | 0.213 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Iron, Total                  | 16800  |           | mg/kg | 4.14  | 0.747 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Lead, Total                  | 91.3   |           | mg/kg | 4.14  | 0.222 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Magnesium, Total             | 1820   |           | mg/kg | 8.27  | 1.27  | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Manganese, Total             | 300    |           | mg/kg | 0.827 | 0.132 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Mercury, Total               | ND     |           | mg/kg | 0.077 | 0.050 | 1               | 05/18/23 13:51 | 05/22/23 22:50 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 10.7   |           | mg/kg | 2.07  | 0.200 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Potassium, Total             | 533    |           | mg/kg | 207   | 11.9  | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Selenium, Total              | ND     |           | mg/kg | 1.65  | 0.213 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Silver, Total                | ND     |           | mg/kg | 0.414 | 0.234 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Sodium, Total                | 252    |           | mg/kg | 165   | 2.60  | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Thallium, Total              | ND     |           | mg/kg | 1.65  | 0.260 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Vanadium, Total              | 20.6   |           | mg/kg | 0.827 | 0.168 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |
| Zinc, Total                  | 170    |           | mg/kg | 4.14  | 0.242 | 2               | 05/18/23 13:05 | 05/21/23 14:07 | EPA 3050B   | 1,6010D           | AMW     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-04

Date Collected: 05/16/23 10:30

Client ID: WC-A\_COMP\_12-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 88%

| Parameter                               | Result | Qualifier | Units | RL     | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------------------------------------|--------|-----------|-------|--------|--------|--------------------|------------------|------------------|----------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab |        |           |       |        |        |                    |                  |                  |                |                      |         |
| Arsenic, TCLP                           | ND     |           | mg/l  | 1.00   | 0.0190 | 1                  | 05/19/23 15:18   | 05/19/23 20:38   | EPA 3015       | 1,6010D              | MRC     |
| Barium, TCLP                            | 0.387  | J         | mg/l  | 0.500  | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 20:38   | EPA 3015       | 1,6010D              | MRC     |
| Cadmium, TCLP                           | ND     |           | mg/l  | 0.100  | 0.0100 | 1                  | 05/19/23 15:18   | 05/19/23 20:38   | EPA 3015       | 1,6010D              | MRC     |
| Chromium, TCLP                          | ND     |           | mg/l  | 0.200  | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 20:38   | EPA 3015       | 1,6010D              | MRC     |
| Lead, TCLP                              | 0.0452 | J         | mg/l  | 0.500  | 0.0270 | 1                  | 05/19/23 15:18   | 05/19/23 20:38   | EPA 3015       | 1,6010D              | MRC     |
| Mercury, TCLP                           | ND     |           | mg/l  | 0.0010 | 0.0005 | 1                  | 05/19/23 15:20   | 05/23/23 13:00   | EPA 7470A      | 1,7470A              | DHL     |
| Selenium, TCLP                          | ND     |           | mg/l  | 0.500  | 0.0350 | 1                  | 05/19/23 15:18   | 05/19/23 20:38   | EPA 3015       | 1,6010D              | MRC     |
| Silver, TCLP                            | ND     |           | mg/l  | 0.100  | 0.0280 | 1                  | 05/19/23 15:18   | 05/19/23 20:38   | EPA 3015       | 1,6010D              | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-04

Date Collected: 05/16/23 10:30

Client ID: WC-A\_COMP\_12-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 7950   |           | mg/kg | 8.63  | 2.33  | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Antimony, Total              | ND     |           | mg/kg | 4.32  | 0.328 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Arsenic, Total               | 3.76   |           | mg/kg | 0.863 | 0.180 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Barium, Total                | 58.3   |           | mg/kg | 0.863 | 0.150 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Beryllium, Total             | 0.287  | J         | mg/kg | 0.432 | 0.029 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Cadmium, Total               | 1.63   |           | mg/kg | 0.863 | 0.085 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Calcium, Total               | 9440   |           | mg/kg | 8.63  | 3.02  | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Chromium, Total              | 19.3   |           | mg/kg | 0.863 | 0.083 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Cobalt, Total                | 4.18   |           | mg/kg | 1.73  | 0.143 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Copper, Total                | 22.3   |           | mg/kg | 0.863 | 0.223 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Iron, Total                  | 22300  |           | mg/kg | 4.32  | 0.779 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Lead, Total                  | 207    |           | mg/kg | 4.32  | 0.231 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Magnesium, Total             | 1370   |           | mg/kg | 8.63  | 1.33  | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Manganese, Total             | 732    |           | mg/kg | 0.863 | 0.137 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Mercury, Total               | 0.261  |           | mg/kg | 0.073 | 0.048 | 1               | 05/18/23 13:51 | 05/22/23 22:54 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 8.62   |           | mg/kg | 2.16  | 0.209 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Potassium, Total             | 563    |           | mg/kg | 216   | 12.4  | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Selenium, Total              | ND     |           | mg/kg | 1.73  | 0.223 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Silver, Total                | ND     |           | mg/kg | 0.432 | 0.244 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Sodium, Total                | 284    |           | mg/kg | 173   | 2.72  | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Thallium, Total              | ND     |           | mg/kg | 1.73  | 0.272 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Vanadium, Total              | 22.7   |           | mg/kg | 0.863 | 0.175 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |
| Zinc, Total                  | 147    |           | mg/kg | 4.32  | 0.253 | 2               | 05/18/23 13:05 | 05/21/23 14:12 | EPA 3050B   | 1,6010D           | AMW     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-05

Date Collected: 05/16/23 14:20

Client ID: WC-B\_COMP\_0-4

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 84%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------|--------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------|----------------------|---------|
|-----------|--------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------|----------------------|---------|

**TCLP Metals by EPA 1311 - Mansfield Lab**

|                |       |   |      |        |        |   |                |                |           |         |     |
|----------------|-------|---|------|--------|--------|---|----------------|----------------|-----------|---------|-----|
| Arsenic, TCLP  | ND    |   | mg/l | 1.00   | 0.0190 | 1 | 05/19/23 15:18 | 05/19/23 21:08 | EPA 3015  | 1,6010D | MRC |
| Barium, TCLP   | 0.136 | J | mg/l | 0.500  | 0.0210 | 1 | 05/19/23 15:18 | 05/19/23 21:08 | EPA 3015  | 1,6010D | MRC |
| Cadmium, TCLP  | ND    |   | mg/l | 0.100  | 0.0100 | 1 | 05/19/23 15:18 | 05/19/23 21:08 | EPA 3015  | 1,6010D | MRC |
| Chromium, TCLP | ND    |   | mg/l | 0.200  | 0.0210 | 1 | 05/19/23 15:18 | 05/19/23 21:08 | EPA 3015  | 1,6010D | MRC |
| Lead, TCLP     | ND    |   | mg/l | 0.500  | 0.0270 | 1 | 05/19/23 15:18 | 05/19/23 21:08 | EPA 3015  | 1,6010D | MRC |
| Mercury, TCLP  | ND    |   | mg/l | 0.0010 | 0.0005 | 1 | 05/19/23 15:20 | 05/23/23 13:03 | EPA 7470A | 1,7470A | DHL |
| Selenium, TCLP | ND    |   | mg/l | 0.500  | 0.0350 | 1 | 05/19/23 15:18 | 05/19/23 21:08 | EPA 3015  | 1,6010D | MRC |
| Silver, TCLP   | ND    |   | mg/l | 0.100  | 0.0280 | 1 | 05/19/23 15:18 | 05/19/23 21:08 | EPA 3015  | 1,6010D | MRC |





**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-05

Date Collected: 05/16/23 14:20

Client ID: WC-B\_COMP\_0-4

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 9930   |           | mg/kg | 9.07  | 2.45  | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Antimony, Total              | ND     |           | mg/kg | 4.53  | 0.344 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Arsenic, Total               | 3.24   |           | mg/kg | 0.907 | 0.189 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Barium, Total                | 38.6   |           | mg/kg | 0.907 | 0.158 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Beryllium, Total             | 0.374  | J         | mg/kg | 0.453 | 0.030 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Cadmium, Total               | ND     |           | mg/kg | 0.907 | 0.089 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Calcium, Total               | 971    |           | mg/kg | 9.07  | 3.17  | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Chromium, Total              | 17.0   |           | mg/kg | 0.907 | 0.087 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Cobalt, Total                | 6.67   |           | mg/kg | 1.81  | 0.150 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Copper, Total                | 12.6   |           | mg/kg | 0.907 | 0.234 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Iron, Total                  | 18800  |           | mg/kg | 4.53  | 0.819 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Lead, Total                  | 50.2   |           | mg/kg | 4.53  | 0.243 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Magnesium, Total             | 1650   |           | mg/kg | 9.07  | 1.40  | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Manganese, Total             | 288    |           | mg/kg | 0.907 | 0.144 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Mercury, Total               | 0.302  |           | mg/kg | 0.079 | 0.052 | 1               | 05/18/23 13:51 | 05/22/23 22:57 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 9.48   |           | mg/kg | 2.27  | 0.219 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Potassium, Total             | 489    |           | mg/kg | 227   | 13.0  | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Selenium, Total              | ND     |           | mg/kg | 1.81  | 0.234 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Silver, Total                | ND     |           | mg/kg | 0.453 | 0.257 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Sodium, Total                | 198    |           | mg/kg | 181   | 2.86  | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Thallium, Total              | ND     |           | mg/kg | 1.81  | 0.286 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Vanadium, Total              | 26.4   |           | mg/kg | 0.907 | 0.184 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |
| Zinc, Total                  | 46.9   |           | mg/kg | 4.53  | 0.266 | 2               | 05/18/23 13:05 | 05/21/23 14:16 | EPA 3050B   | 1,6010D           | AMW     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-06

Date Collected: 05/16/23 14:25

Client ID: WC-B\_COMP\_4-8

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 90%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------|--------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------|----------------------|---------|
|-----------|--------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------|----------------------|---------|

**TCLP Metals by EPA 1311 - Mansfield Lab**

|                |       |   |      |        |        |   |                |                |           |         |     |
|----------------|-------|---|------|--------|--------|---|----------------|----------------|-----------|---------|-----|
| Arsenic, TCLP  | ND    |   | mg/l | 1.00   | 0.0190 | 1 | 05/19/23 15:18 | 05/19/23 21:12 | EPA 3015  | 1,6010D | MRC |
| Barium, TCLP   | 0.314 | J | mg/l | 0.500  | 0.0210 | 1 | 05/19/23 15:18 | 05/19/23 21:12 | EPA 3015  | 1,6010D | MRC |
| Cadmium, TCLP  | ND    |   | mg/l | 0.100  | 0.0100 | 1 | 05/19/23 15:18 | 05/19/23 21:12 | EPA 3015  | 1,6010D | MRC |
| Chromium, TCLP | ND    |   | mg/l | 0.200  | 0.0210 | 1 | 05/19/23 15:18 | 05/19/23 21:12 | EPA 3015  | 1,6010D | MRC |
| Lead, TCLP     | ND    |   | mg/l | 0.500  | 0.0270 | 1 | 05/19/23 15:18 | 05/19/23 21:12 | EPA 3015  | 1,6010D | MRC |
| Mercury, TCLP  | ND    |   | mg/l | 0.0010 | 0.0005 | 1 | 05/19/23 15:20 | 05/23/23 13:06 | EPA 7470A | 1,7470A | DHL |
| Selenium, TCLP | ND    |   | mg/l | 0.500  | 0.0350 | 1 | 05/19/23 15:18 | 05/19/23 21:12 | EPA 3015  | 1,6010D | MRC |
| Silver, TCLP   | ND    |   | mg/l | 0.100  | 0.0280 | 1 | 05/19/23 15:18 | 05/19/23 21:12 | EPA 3015  | 1,6010D | MRC |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-06

Date Collected: 05/16/23 14:25

Client ID: WC-B\_COMP\_4-8

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 4380   |           | mg/kg | 8.49  | 2.29  | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Antimony, Total              | ND     |           | mg/kg | 4.24  | 0.322 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Arsenic, Total               | 2.86   |           | mg/kg | 0.849 | 0.176 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Barium, Total                | 32.6   |           | mg/kg | 0.849 | 0.148 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Beryllium, Total             | 0.238  | J         | mg/kg | 0.424 | 0.028 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Cadmium, Total               | ND     |           | mg/kg | 0.849 | 0.083 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Calcium, Total               | 761    |           | mg/kg | 8.49  | 2.97  | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Chromium, Total              | 14.2   |           | mg/kg | 0.849 | 0.082 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Cobalt, Total                | 8.11   |           | mg/kg | 1.70  | 0.141 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Copper, Total                | 13.0   |           | mg/kg | 0.849 | 0.219 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Iron, Total                  | 18400  |           | mg/kg | 4.24  | 0.766 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Lead, Total                  | 5.31   |           | mg/kg | 4.24  | 0.227 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Magnesium, Total             | 1560   |           | mg/kg | 8.49  | 1.31  | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Manganese, Total             | 376    |           | mg/kg | 0.849 | 0.135 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Mercury, Total               | ND     |           | mg/kg | 0.078 | 0.051 | 1               | 05/18/23 13:51 | 05/22/23 23:00 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 12.7   |           | mg/kg | 2.12  | 0.205 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Potassium, Total             | 759    |           | mg/kg | 212   | 12.2  | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Selenium, Total              | ND     |           | mg/kg | 1.70  | 0.219 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Silver, Total                | ND     |           | mg/kg | 0.424 | 0.240 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Sodium, Total                | 75.7   | J         | mg/kg | 170   | 2.67  | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Thallium, Total              | ND     |           | mg/kg | 1.70  | 0.267 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Vanadium, Total              | 21.0   |           | mg/kg | 0.849 | 0.172 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |
| Zinc, Total                  | 41.8   |           | mg/kg | 4.24  | 0.249 | 2               | 05/18/23 13:05 | 05/21/23 14:21 | EPA 3050B   | 1,6010D           | AMW     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-07

Date Collected: 05/16/23 14:30

Client ID: WC-B\_COMP\_8-12

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 87%

| Parameter                               | Result | Qualifier | Units | RL     | MDL    | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|-----------------------------------------|--------|-----------|-------|--------|--------|-----------------|----------------|----------------|-------------|-------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab |        |           |       |        |        |                 |                |                |             |                   |         |
| Arsenic, TCLP                           | ND     |           | mg/l  | 1.00   | 0.0190 | 1               | 05/19/23 15:18 | 05/19/23 21:15 | EPA 3015    | 1,6010D           | MRC     |
| Barium, TCLP                            | 0.422  | J         | mg/l  | 0.500  | 0.0210 | 1               | 05/19/23 15:18 | 05/19/23 21:15 | EPA 3015    | 1,6010D           | MRC     |
| Cadmium, TCLP                           | ND     |           | mg/l  | 0.100  | 0.0100 | 1               | 05/19/23 15:18 | 05/19/23 21:15 | EPA 3015    | 1,6010D           | MRC     |
| Chromium, TCLP                          | ND     |           | mg/l  | 0.200  | 0.0210 | 1               | 05/19/23 15:18 | 05/19/23 21:15 | EPA 3015    | 1,6010D           | MRC     |
| Lead, TCLP                              | ND     |           | mg/l  | 0.500  | 0.0270 | 1               | 05/19/23 15:18 | 05/19/23 21:15 | EPA 3015    | 1,6010D           | MRC     |
| Mercury, TCLP                           | ND     |           | mg/l  | 0.0010 | 0.0005 | 1               | 05/19/23 15:20 | 05/23/23 13:10 | EPA 7470A   | 1,7470A           | DHL     |
| Selenium, TCLP                          | ND     |           | mg/l  | 0.500  | 0.0350 | 1               | 05/19/23 15:18 | 05/19/23 21:15 | EPA 3015    | 1,6010D           | MRC     |
| Silver, TCLP                            | ND     |           | mg/l  | 0.100  | 0.0280 | 1               | 05/19/23 15:18 | 05/19/23 21:15 | EPA 3015    | 1,6010D           | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-07

Date Collected: 05/16/23 14:30

Client ID: WC-B\_COMP\_8-12

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 6950   |           | mg/kg | 8.82  | 2.38  | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Antimony, Total              | ND     |           | mg/kg | 4.41  | 0.335 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Arsenic, Total               | 3.62   |           | mg/kg | 0.882 | 0.183 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Barium, Total                | 37.9   |           | mg/kg | 0.882 | 0.153 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Beryllium, Total             | 0.244  | J         | mg/kg | 0.441 | 0.029 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Cadmium, Total               | ND     |           | mg/kg | 0.882 | 0.086 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Calcium, Total               | 2220   |           | mg/kg | 8.82  | 3.09  | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Chromium, Total              | 21.3   |           | mg/kg | 0.882 | 0.085 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Cobalt, Total                | 7.14   |           | mg/kg | 1.76  | 0.146 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Copper, Total                | 16.0   |           | mg/kg | 0.882 | 0.228 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Iron, Total                  | 22600  |           | mg/kg | 4.41  | 0.796 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Lead, Total                  | 23.8   |           | mg/kg | 4.41  | 0.236 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Magnesium, Total             | 2080   |           | mg/kg | 8.82  | 1.36  | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Manganese, Total             | 401    |           | mg/kg | 0.882 | 0.140 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Mercury, Total               | 0.051  | J         | mg/kg | 0.074 | 0.048 | 1               | 05/18/23 13:51 | 05/22/23 23:03 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 12.1   |           | mg/kg | 2.20  | 0.213 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Potassium, Total             | 717    |           | mg/kg | 220   | 12.7  | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Selenium, Total              | ND     |           | mg/kg | 1.76  | 0.228 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Silver, Total                | ND     |           | mg/kg | 0.441 | 0.250 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Sodium, Total                | 166    | J         | mg/kg | 176   | 2.78  | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Thallium, Total              | ND     |           | mg/kg | 1.76  | 0.278 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Vanadium, Total              | 25.2   |           | mg/kg | 0.882 | 0.179 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |
| Zinc, Total                  | 44.4   |           | mg/kg | 4.41  | 0.258 | 2               | 05/18/23 13:05 | 05/21/23 14:26 | EPA 3050B   | 1,6010D           | AMW     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-08

Date Collected: 05/16/23 14:35

Client ID: WC-B\_COMP\_12-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 88%

| Parameter                               | Result | Qualifier | Units | RL     | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------------------------------------|--------|-----------|-------|--------|--------|--------------------|------------------|------------------|----------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab |        |           |       |        |        |                    |                  |                  |                |                      |         |
| Arsenic, TCLP                           | ND     |           | mg/l  | 1.00   | 0.0190 | 1                  | 05/19/23 15:18   | 05/19/23 21:18   | EPA 3015       | 1,6010D              | MRC     |
| Barium, TCLP                            | 0.607  |           | mg/l  | 0.500  | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 21:18   | EPA 3015       | 1,6010D              | MRC     |
| Cadmium, TCLP                           | ND     |           | mg/l  | 0.100  | 0.0100 | 1                  | 05/19/23 15:18   | 05/19/23 21:18   | EPA 3015       | 1,6010D              | MRC     |
| Chromium, TCLP                          | ND     |           | mg/l  | 0.200  | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 21:18   | EPA 3015       | 1,6010D              | MRC     |
| Lead, TCLP                              | 0.0806 | J         | mg/l  | 0.500  | 0.0270 | 1                  | 05/19/23 15:18   | 05/19/23 21:18   | EPA 3015       | 1,6010D              | MRC     |
| Mercury, TCLP                           | ND     |           | mg/l  | 0.0010 | 0.0005 | 1                  | 05/19/23 15:20   | 05/23/23 13:13   | EPA 7470A      | 1,7470A              | DHL     |
| Selenium, TCLP                          | ND     |           | mg/l  | 0.500  | 0.0350 | 1                  | 05/19/23 15:18   | 05/19/23 21:18   | EPA 3015       | 1,6010D              | MRC     |
| Silver, TCLP                            | ND     |           | mg/l  | 0.100  | 0.0280 | 1                  | 05/19/23 15:18   | 05/19/23 21:18   | EPA 3015       | 1,6010D              | MRC     |



Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-08

Date Collected: 05/16/23 14:35

Client ID: WC-B\_COMP\_12-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 13000  |           | mg/kg | 8.60  | 2.32  | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Antimony, Total              | ND     |           | mg/kg | 4.30  | 0.327 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Arsenic, Total               | 9.14   |           | mg/kg | 0.860 | 0.179 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Barium, Total                | 129    |           | mg/kg | 0.860 | 0.150 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Beryllium, Total             | 0.450  |           | mg/kg | 0.430 | 0.028 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Cadmium, Total               | 0.216  | J         | mg/kg | 0.860 | 0.084 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Calcium, Total               | 10300  |           | mg/kg | 8.60  | 3.01  | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Chromium, Total              | 50.4   |           | mg/kg | 0.860 | 0.083 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Cobalt, Total                | 16.6   |           | mg/kg | 1.72  | 0.143 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Copper, Total                | 57.1   |           | mg/kg | 0.860 | 0.222 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Iron, Total                  | 41700  |           | mg/kg | 4.30  | 0.776 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Lead, Total                  | 187    |           | mg/kg | 4.30  | 0.230 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Magnesium, Total             | 4260   |           | mg/kg | 8.60  | 1.32  | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Manganese, Total             | 820    |           | mg/kg | 0.860 | 0.137 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Mercury, Total               | 0.227  |           | mg/kg | 0.073 | 0.048 | 1               | 05/18/23 13:51 | 05/22/23 23:07 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 32.6   |           | mg/kg | 2.15  | 0.208 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Potassium, Total             | 1360   |           | mg/kg | 215   | 12.4  | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Selenium, Total              | ND     |           | mg/kg | 1.72  | 0.222 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Silver, Total                | ND     |           | mg/kg | 0.430 | 0.243 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Sodium, Total                | 236    |           | mg/kg | 172   | 2.71  | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Thallium, Total              | ND     |           | mg/kg | 1.72  | 0.271 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Vanadium, Total              | 50.5   |           | mg/kg | 0.860 | 0.174 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |
| Zinc, Total                  | 176    |           | mg/kg | 4.30  | 0.252 | 2               | 05/18/23 13:05 | 05/21/23 14:30 | EPA 3050B   | 1,6010D           | AMW     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-10

Date Collected: 05/16/23 10:00

Client ID: RI\_SB02\_0-0.5

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 87%

| Parameter                               | Result | Qualifier | Units | RL    | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------------------------------------|--------|-----------|-------|-------|--------|--------------------|------------------|------------------|----------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab |        |           |       |       |        |                    |                  |                  |                |                      |         |
| Lead, TCLP                              | ND     |           | mg/l  | 0.500 | 0.0270 | 1                  | 05/19/23 15:18   | 05/19/23 21:21   | EPA 3015       | 1,6010D              | MRC     |





**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-10

Date Collected: 05/16/23 10:00

Client ID: RI\_SB02\_0-0.5

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

| Parameter                    | Result | Qualifier | Units | RL   | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|------------------------------|--------|-----------|-------|------|-------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |      |       |                    |                  |                  |                |                      |         |
| Lead, Total                  | 99.7   |           | mg/kg | 2.18 | 0.117 | 1                  | 05/18/23 13:05   | 05/21/23 15:08   | EPA 3050B      | 1,6010D              | AMW     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-11

Date Collected: 05/16/23 11:10

Client ID: RI\_SB03\_0-0.5

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 80%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------|--------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------|----------------------|---------|
|-----------|--------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------|----------------------|---------|

## TCLP Metals by EPA 1311 - Mansfield Lab

|            |    |  |      |       |        |   |                |                |          |         |     |
|------------|----|--|------|-------|--------|---|----------------|----------------|----------|---------|-----|
| Lead, TCLP | ND |  | mg/l | 0.500 | 0.0270 | 1 | 05/19/23 15:18 | 05/19/23 21:25 | EPA 3015 | 1,6010D | MRC |
|------------|----|--|------|-------|--------|---|----------------|----------------|----------|---------|-----|



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-11

Date Collected: 05/16/23 11:10

Client ID: RI\_SB03\_0-0.5

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

| Parameter                    | Result | Qualifier | Units | RL   | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|------------------------------|--------|-----------|-------|------|-------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |      |       |                    |                  |                  |                |                      |         |
| Lead, Total                  | 11.2   |           | mg/kg | 2.36 | 0.126 | 1                  | 05/18/23 13:05   | 05/21/23 15:12   | EPA 3050B      | 1,6010D              | AMW     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-12

Date Collected: 05/16/23 12:50

Client ID: RI\_SB10\_6-8

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 88%

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------|--------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------|----------------------|---------|
|-----------|--------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------|----------------------|---------|

## TCLP Metals by EPA 1311 - Mansfield Lab

|            |    |  |      |       |        |   |                |                |          |         |     |
|------------|----|--|------|-------|--------|---|----------------|----------------|----------|---------|-----|
| Lead, TCLP | ND |  | mg/l | 0.500 | 0.0270 | 1 | 05/19/23 08:39 | 05/19/23 11:30 | EPA 3015 | 1,6010D | JMF |
|------------|----|--|------|-------|--------|---|----------------|----------------|----------|---------|-----|



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-12

Date Collected: 05/16/23 12:50

Client ID: RI\_SB10\_6-8

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

| Parameter                    | Result | Qualifier | Units | RL   | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|------------------------------|--------|-----------|-------|------|-------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |      |       |                    |                  |                  |                |                      |         |
| Lead, Total                  | 108    |           | mg/kg | 2.16 | 0.116 | 1                  | 05/18/23 13:05   | 05/21/23 15:17   | EPA 3050B      | 1,6010D              | AMW     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-13

Date Collected: 05/16/23 14:15

Client ID: RI\_SB04\_0-0.5

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/18/23 08:30

Matrix: Soil

Percent Solids: 97%

| Parameter                               | Result | Qualifier | Units | RL    | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|-----------------------------------------|--------|-----------|-------|-------|--------|--------------------|------------------|------------------|----------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab |        |           |       |       |        |                    |                  |                  |                |                      |         |
| Lead, TCLP                              | ND     |           | mg/l  | 0.500 | 0.0270 | 1                  | 05/19/23 08:39   | 05/19/23 11:35   | EPA 3015       | 1,6010D              | JMF     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-13

Date Collected: 05/16/23 14:15

Client ID: RI\_SB04\_0-0.5

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 97%

| Parameter                    | Result | Qualifier | Units | RL   | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Prep<br>Method | Analytical<br>Method | Analyst |
|------------------------------|--------|-----------|-------|------|-------|--------------------|------------------|------------------|----------------|----------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |      |       |                    |                  |                  |                |                      |         |
| Lead, Total                  | 245    |           | mg/kg | 1.96 | 0.105 | 1                  | 05/18/23 13:05   | 05/21/23 15:22   | EPA 3050B      | 1,6010D              | AMW     |



Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-18

Date Collected: 05/16/23 08:50

Client ID: SRI-01\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 97%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 3210   |           | mg/kg | 7.92  | 2.14  | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | ND     |           | mg/kg | 3.96  | 0.301 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 1.01   |           | mg/kg | 0.792 | 0.165 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 30.3   |           | mg/kg | 0.792 | 0.138 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.183  | J         | mg/kg | 0.396 | 0.026 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | ND     |           | mg/kg | 0.792 | 0.078 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 271    |           | mg/kg | 7.92  | 2.77  | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 9.60   |           | mg/kg | 0.792 | 0.076 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 2.24   |           | mg/kg | 1.58  | 0.132 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 7.89   |           | mg/kg | 0.792 | 0.204 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 6110   |           | mg/kg | 3.96  | 0.715 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 2.50   | J         | mg/kg | 3.96  | 0.212 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 971    |           | mg/kg | 7.92  | 1.22  | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 277    |           | mg/kg | 0.792 | 0.126 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.066 | 0.043 | 1               | 05/17/23 11:30 | 05/17/23 13:09 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 5.40   |           | mg/kg | 1.98  | 0.192 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 325    |           | mg/kg | 198   | 11.4  | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.58  | 0.204 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.396 | 0.224 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 86.2   | J         | mg/kg | 158   | 2.50  | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | 0.346  | J         | mg/kg | 1.58  | 0.250 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 7.85   |           | mg/kg | 0.792 | 0.161 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 8.76   |           | mg/kg | 3.96  | 0.232 | 2               | 05/17/23 11:00 | 05/17/23 13:24 | EPA 3050B   | 1,6010D           | DHL     |





**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-19

Date Collected: 05/16/23 08:55

Client ID: SRI-01\_20-22

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 4810   |           | mg/kg | 8.14  | 2.20  | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | 0.438  | J         | mg/kg | 4.07  | 0.309 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 1.50   |           | mg/kg | 0.814 | 0.169 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 31.6   |           | mg/kg | 0.814 | 0.142 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.247  | J         | mg/kg | 0.407 | 0.027 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | ND     |           | mg/kg | 0.814 | 0.080 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 711    |           | mg/kg | 8.14  | 2.85  | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 19.2   |           | mg/kg | 0.814 | 0.078 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 3.65   |           | mg/kg | 1.63  | 0.135 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 19.2   |           | mg/kg | 0.814 | 0.210 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 8850   |           | mg/kg | 4.07  | 0.735 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 4.58   |           | mg/kg | 4.07  | 0.218 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 1860   |           | mg/kg | 8.14  | 1.25  | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 290    |           | mg/kg | 0.814 | 0.129 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.066 | 0.043 | 1               | 05/17/23 11:30 | 05/17/23 13:29 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 10.7   |           | mg/kg | 2.03  | 0.197 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 599    |           | mg/kg | 203   | 11.7  | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.63  | 0.210 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.407 | 0.230 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 181    |           | mg/kg | 163   | 2.56  | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | 0.561  | J         | mg/kg | 1.63  | 0.256 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 13.4   |           | mg/kg | 0.814 | 0.165 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 15.7   |           | mg/kg | 4.07  | 0.238 | 2               | 05/17/23 11:00 | 05/17/23 13:15 | EPA 3050B   | 1,6010D           | DHL     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-21

Date Collected: 05/16/23 09:45

Client ID: SRI-02\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 1300   |           | mg/kg | 9.94  | 2.68  | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | ND     |           | mg/kg | 4.97  | 0.378 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 2.79   |           | mg/kg | 0.994 | 0.207 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 6.49   |           | mg/kg | 0.994 | 0.173 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.204  | J         | mg/kg | 0.497 | 0.033 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | 0.156  | J         | mg/kg | 0.994 | 0.097 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 206000 |           | mg/kg | 99.4  | 34.8  | 20              | 05/17/23 11:00 | 05/17/23 14:10 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 4.17   |           | mg/kg | 0.994 | 0.095 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 2.83   |           | mg/kg | 1.99  | 0.165 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 2.07   |           | mg/kg | 0.994 | 0.256 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 10900  |           | mg/kg | 4.97  | 0.897 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 4.63   | J         | mg/kg | 4.97  | 0.266 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 125000 |           | mg/kg | 99.4  | 15.3  | 20              | 05/17/23 11:00 | 05/17/23 14:10 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 778    |           | mg/kg | 0.994 | 0.158 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.080 | 0.052 | 1               | 05/17/23 11:30 | 05/17/23 13:32 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 4.79   |           | mg/kg | 2.48  | 0.240 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 497    |           | mg/kg | 248   | 14.3  | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.99  | 0.256 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | 0.696  |           | mg/kg | 0.497 | 0.281 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 345    |           | mg/kg | 199   | 3.13  | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | 0.865  | J         | mg/kg | 1.99  | 0.313 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 8.50   |           | mg/kg | 0.994 | 0.202 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 33.2   |           | mg/kg | 4.97  | 0.291 | 2               | 05/17/23 11:00 | 05/17/23 13:18 | EPA 3050B   | 1,6010D           | DHL     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-22

Date Collected: 05/16/23 09:50

Client ID: SRI-02\_20-22

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 4210   |           | mg/kg | 9.50  | 2.56  | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | 0.429  | J         | mg/kg | 4.75  | 0.361 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 2.62   |           | mg/kg | 0.950 | 0.198 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 22.9   |           | mg/kg | 0.950 | 0.165 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.263  | J         | mg/kg | 0.475 | 0.031 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | ND     |           | mg/kg | 0.950 | 0.093 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 5300   |           | mg/kg | 9.50  | 3.32  | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 12.6   |           | mg/kg | 0.950 | 0.091 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 5.00   |           | mg/kg | 1.90  | 0.158 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 8.95   |           | mg/kg | 0.950 | 0.245 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 14100  |           | mg/kg | 4.75  | 0.858 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 10.7   |           | mg/kg | 4.75  | 0.254 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 3030   |           | mg/kg | 9.50  | 1.46  | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 155    |           | mg/kg | 0.950 | 0.151 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.079 | 0.051 | 1               | 05/17/23 11:30 | 05/17/23 13:35 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 9.31   |           | mg/kg | 2.37  | 0.230 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 562    |           | mg/kg | 237   | 13.7  | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.90  | 0.245 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.475 | 0.269 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 380    |           | mg/kg | 190   | 2.99  | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | 0.457  | J         | mg/kg | 1.90  | 0.299 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 17.6   |           | mg/kg | 0.950 | 0.193 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 22.7   |           | mg/kg | 4.75  | 0.278 | 2               | 05/17/23 11:00 | 05/17/23 13:21 | EPA 3050B   | 1,6010D           | DHL     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-24

Date Collected: 05/16/23 10:50

Client ID: SRI-06\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 98%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 3710   |           | mg/kg | 7.85  | 2.12  | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | 0.665  | J         | mg/kg | 3.93  | 0.298 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 0.978  |           | mg/kg | 0.785 | 0.163 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 25.1   |           | mg/kg | 0.785 | 0.137 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.268  | J         | mg/kg | 0.393 | 0.026 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | 0.085  | J         | mg/kg | 0.785 | 0.077 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 902    |           | mg/kg | 7.85  | 2.75  | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 9.43   |           | mg/kg | 0.785 | 0.075 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 4.12   |           | mg/kg | 1.57  | 0.130 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 17.6   |           | mg/kg | 0.785 | 0.203 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 14600  |           | mg/kg | 3.93  | 0.709 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 2.92   | J         | mg/kg | 3.93  | 0.210 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 1510   |           | mg/kg | 7.85  | 1.21  | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 261    |           | mg/kg | 0.785 | 0.125 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.065 | 0.042 | 1               | 05/17/23 11:30 | 05/17/23 13:39 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 6.83   |           | mg/kg | 1.96  | 0.190 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 551    |           | mg/kg | 196   | 11.3  | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.57  | 0.203 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.393 | 0.222 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 141    | J         | mg/kg | 157   | 2.47  | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | 0.409  | J         | mg/kg | 1.57  | 0.247 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 20.1   |           | mg/kg | 0.785 | 0.159 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 15.3   |           | mg/kg | 3.93  | 0.230 | 2               | 05/17/23 11:00 | 05/17/23 14:23 | EPA 3050B   | 1,6010D           | DHL     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-25

Date Collected: 05/16/23 10:55

Client ID: SRI-06\_20-22

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 8470   |           | mg/kg | 8.10  | 2.19  | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | ND     |           | mg/kg | 4.05  | 0.308 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 1.94   |           | mg/kg | 0.810 | 0.168 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 51.9   |           | mg/kg | 0.810 | 0.141 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.328  | J         | mg/kg | 0.405 | 0.027 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | 0.115  | J         | mg/kg | 0.810 | 0.079 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 1230   |           | mg/kg | 8.10  | 2.84  | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 13.0   |           | mg/kg | 0.810 | 0.078 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 4.80   |           | mg/kg | 1.62  | 0.134 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 6.11   |           | mg/kg | 0.810 | 0.209 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 14100  |           | mg/kg | 4.05  | 0.731 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 4.72   |           | mg/kg | 4.05  | 0.217 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 2090   |           | mg/kg | 8.10  | 1.25  | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 124    |           | mg/kg | 0.810 | 0.129 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.067 | 0.043 | 1               | 05/17/23 11:30 | 05/17/23 13:42 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 9.00   |           | mg/kg | 2.02  | 0.196 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 371    |           | mg/kg | 202   | 11.7  | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.62  | 0.209 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.405 | 0.229 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 99.0   | J         | mg/kg | 162   | 2.55  | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | ND     |           | mg/kg | 1.62  | 0.255 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 15.9   |           | mg/kg | 0.810 | 0.164 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 29.4   |           | mg/kg | 4.05  | 0.237 | 2               | 05/17/23 11:00 | 05/17/23 14:27 | EPA 3050B   | 1,6010D           | DHL     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-27

Date Collected: 05/16/23 12:35

Client ID: SRI-05\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 8720   |           | mg/kg | 8.76  | 2.36  | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | 0.781  | J         | mg/kg | 4.38  | 0.333 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 3.45   |           | mg/kg | 0.876 | 0.182 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 75.2   |           | mg/kg | 0.876 | 0.152 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.464  |           | mg/kg | 0.438 | 0.029 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | 0.280  | J         | mg/kg | 0.876 | 0.086 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 11900  |           | mg/kg | 8.76  | 3.07  | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 25.1   |           | mg/kg | 0.876 | 0.084 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 6.10   |           | mg/kg | 1.75  | 0.145 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 29.3   |           | mg/kg | 0.876 | 0.226 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 17500  |           | mg/kg | 4.38  | 0.791 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 105    |           | mg/kg | 4.38  | 0.235 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 4570   |           | mg/kg | 8.76  | 1.35  | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 324    |           | mg/kg | 0.876 | 0.139 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | 0.322  |           | mg/kg | 0.072 | 0.047 | 1               | 05/17/23 11:30 | 05/17/23 13:45 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 10.7   |           | mg/kg | 2.19  | 0.212 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 639    |           | mg/kg | 219   | 12.6  | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | 0.331  | J         | mg/kg | 1.75  | 0.226 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.438 | 0.248 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 302    |           | mg/kg | 175   | 2.76  | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | 0.477  | J         | mg/kg | 1.75  | 0.276 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 24.1   |           | mg/kg | 0.876 | 0.178 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 100    |           | mg/kg | 4.38  | 0.257 | 2               | 05/17/23 11:00 | 05/17/23 14:30 | EPA 3050B   | 1,6010D           | DHL     |



Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-28

Date Collected: 05/16/23 12:40

Client ID: SRI-05\_20-22

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 5870   |           | mg/kg | 8.36  | 2.26  | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | 0.792  | J         | mg/kg | 4.18  | 0.318 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 2.64   |           | mg/kg | 0.836 | 0.174 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 53.4   |           | mg/kg | 0.836 | 0.145 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.403  | J         | mg/kg | 0.418 | 0.028 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | 0.184  | J         | mg/kg | 0.836 | 0.082 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 3250   |           | mg/kg | 8.36  | 2.92  | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 17.5   |           | mg/kg | 0.836 | 0.080 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 7.96   |           | mg/kg | 1.67  | 0.139 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 20.2   |           | mg/kg | 0.836 | 0.216 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 20900  |           | mg/kg | 4.18  | 0.755 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 34.8   |           | mg/kg | 4.18  | 0.224 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 1920   |           | mg/kg | 8.36  | 1.29  | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 358    |           | mg/kg | 0.836 | 0.133 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.070 | 0.045 | 1               | 05/17/23 11:30 | 05/17/23 13:49 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 12.0   |           | mg/kg | 2.09  | 0.202 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 969    |           | mg/kg | 209   | 12.0  | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.67  | 0.216 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.418 | 0.236 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 296    |           | mg/kg | 167   | 2.63  | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | 0.460  | J         | mg/kg | 1.67  | 0.263 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 24.7   |           | mg/kg | 0.836 | 0.170 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 48.1   |           | mg/kg | 4.18  | 0.245 | 2               | 05/17/23 11:00 | 05/17/23 14:33 | EPA 3050B   | 1,6010D           | DHL     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-30

Date Collected: 05/16/23 12:00

Client ID: SRI-07\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 4600   |           | mg/kg | 8.69  | 2.35  | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | ND     |           | mg/kg | 4.34  | 0.330 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 1.02   |           | mg/kg | 0.869 | 0.181 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 45.6   |           | mg/kg | 0.869 | 0.151 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.304  | J         | mg/kg | 0.434 | 0.029 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | 0.086  | J         | mg/kg | 0.869 | 0.085 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 1350   |           | mg/kg | 8.69  | 3.04  | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 12.9   |           | mg/kg | 0.869 | 0.083 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 4.69   |           | mg/kg | 1.74  | 0.144 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 11.3   |           | mg/kg | 0.869 | 0.224 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 14600  |           | mg/kg | 4.34  | 0.785 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 3.14   | J         | mg/kg | 4.34  | 0.233 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 1970   |           | mg/kg | 8.69  | 1.34  | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 1020   |           | mg/kg | 0.869 | 0.138 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.074 | 0.048 | 1               | 05/17/23 11:30 | 05/17/23 13:52 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 9.07   |           | mg/kg | 2.17  | 0.210 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 1110   |           | mg/kg | 217   | 12.5  | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.74  | 0.224 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.434 | 0.246 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 195    |           | mg/kg | 174   | 2.74  | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | 0.702  | J         | mg/kg | 1.74  | 0.274 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 21.3   |           | mg/kg | 0.869 | 0.176 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 20.6   |           | mg/kg | 4.34  | 0.255 | 2               | 05/17/23 11:00 | 05/17/23 14:36 | EPA 3050B   | 1,6010D           | DHL     |





**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-31

Date Collected: 05/16/23 12:05

Client ID: SRI-07\_20-22

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 97%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 3820   |           | mg/kg | 7.76  | 2.10  | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Antimony, Total              | ND     |           | mg/kg | 3.88  | 0.295 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Arsenic, Total               | 2.70   |           | mg/kg | 0.776 | 0.161 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Barium, Total                | 25.4   |           | mg/kg | 0.776 | 0.135 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Beryllium, Total             | 0.301  | J         | mg/kg | 0.388 | 0.026 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Cadmium, Total               | 0.098  | J         | mg/kg | 0.776 | 0.076 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Calcium, Total               | 1030   |           | mg/kg | 7.76  | 2.72  | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Chromium, Total              | 18.4   |           | mg/kg | 0.776 | 0.075 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Cobalt, Total                | 4.69   |           | mg/kg | 1.55  | 0.129 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Copper, Total                | 9.06   |           | mg/kg | 0.776 | 0.200 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Iron, Total                  | 16600  |           | mg/kg | 3.88  | 0.701 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Lead, Total                  | 5.74   |           | mg/kg | 3.88  | 0.208 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Magnesium, Total             | 1340   |           | mg/kg | 7.76  | 1.19  | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Manganese, Total             | 236    |           | mg/kg | 0.776 | 0.123 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Mercury, Total               | ND     |           | mg/kg | 0.067 | 0.044 | 1               | 05/17/23 11:30 | 05/17/23 13:55 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 9.65   |           | mg/kg | 1.94  | 0.188 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Potassium, Total             | 736    |           | mg/kg | 194   | 11.2  | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Selenium, Total              | ND     |           | mg/kg | 1.55  | 0.200 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Silver, Total                | ND     |           | mg/kg | 0.388 | 0.220 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Sodium, Total                | 176    |           | mg/kg | 155   | 2.44  | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Thallium, Total              | 0.395  | J         | mg/kg | 1.55  | 0.244 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Vanadium, Total              | 19.0   |           | mg/kg | 0.776 | 0.158 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |
| Zinc, Total                  | 25.6   |           | mg/kg | 3.88  | 0.227 | 2               | 05/17/23 11:00 | 05/17/23 16:00 | EPA 3050B   | 1,6010D           | AMW     |



Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-33

Date Collected: 05/16/23 13:20

Client ID: SRI-08\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 7550   |           | mg/kg | 8.66  | 2.34  | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | 0.396  | J         | mg/kg | 4.33  | 0.329 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 2.28   |           | mg/kg | 0.866 | 0.180 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 45.4   |           | mg/kg | 0.866 | 0.151 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.433  |           | mg/kg | 0.433 | 0.029 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | 0.145  | J         | mg/kg | 0.866 | 0.085 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 728    |           | mg/kg | 8.66  | 3.03  | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 18.3   |           | mg/kg | 0.866 | 0.083 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 10.9   |           | mg/kg | 1.73  | 0.144 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 13.0   |           | mg/kg | 0.866 | 0.223 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 23200  |           | mg/kg | 4.33  | 0.782 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 5.08   |           | mg/kg | 4.33  | 0.232 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 2930   |           | mg/kg | 8.66  | 1.33  | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 360    |           | mg/kg | 0.866 | 0.138 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.073 | 0.048 | 1               | 05/17/23 11:30 | 05/17/23 13:58 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 19.8   |           | mg/kg | 2.16  | 0.210 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 2120   |           | mg/kg | 216   | 12.5  | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.73  | 0.223 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.433 | 0.245 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 120    | J         | mg/kg | 173   | 2.73  | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | 0.475  | J         | mg/kg | 1.73  | 0.273 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 25.3   |           | mg/kg | 0.866 | 0.176 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 50.0   |           | mg/kg | 4.33  | 0.254 | 2               | 05/17/23 11:00 | 05/17/23 14:43 | EPA 3050B   | 1,6010D           | DHL     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-34

Date Collected: 05/16/23 13:25

Client ID: SRI-08\_20-22

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 5920   |           | mg/kg | 7.88  | 2.13  | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | 0.515  | J         | mg/kg | 3.94  | 0.299 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 2.35   |           | mg/kg | 0.788 | 0.164 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 34.2   |           | mg/kg | 0.788 | 0.137 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.429  |           | mg/kg | 0.394 | 0.026 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | 0.132  | J         | mg/kg | 0.788 | 0.077 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 3740   |           | mg/kg | 7.88  | 2.76  | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 19.9   |           | mg/kg | 0.788 | 0.076 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 7.10   |           | mg/kg | 1.58  | 0.131 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 12.6   |           | mg/kg | 0.788 | 0.203 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 21700  |           | mg/kg | 3.94  | 0.711 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 8.71   |           | mg/kg | 3.94  | 0.211 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 2390   |           | mg/kg | 7.88  | 1.21  | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 394    |           | mg/kg | 0.788 | 0.125 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.067 | 0.044 | 1               | 05/17/23 11:30 | 05/17/23 14:08 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 11.9   |           | mg/kg | 1.97  | 0.191 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 680    |           | mg/kg | 197   | 11.3  | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.58  | 0.203 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.394 | 0.223 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 121    | J         | mg/kg | 158   | 2.48  | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | 0.389  | J         | mg/kg | 1.58  | 0.248 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 27.3   |           | mg/kg | 0.788 | 0.160 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 43.9   |           | mg/kg | 3.94  | 0.231 | 2               | 05/17/23 11:00 | 05/17/23 14:46 | EPA 3050B   | 1,6010D           | DHL     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**SAMPLE RESULTS**

Lab ID: L2327188-36

Date Collected: 05/16/23 14:00

Client ID: SRI-09\_14-16

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 9030   |           | mg/kg | 8.43  | 2.28  | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | 0.589  | J         | mg/kg | 4.21  | 0.320 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 2.00   |           | mg/kg | 0.843 | 0.175 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 33.4   |           | mg/kg | 0.843 | 0.147 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.399  | J         | mg/kg | 0.421 | 0.028 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | 0.120  | J         | mg/kg | 0.843 | 0.083 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 390    |           | mg/kg | 8.43  | 2.95  | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 15.8   |           | mg/kg | 0.843 | 0.081 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 5.22   |           | mg/kg | 1.68  | 0.140 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 11.4   |           | mg/kg | 0.843 | 0.217 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 22600  |           | mg/kg | 4.21  | 0.761 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 5.15   |           | mg/kg | 4.21  | 0.226 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 1580   |           | mg/kg | 8.43  | 1.30  | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 432    |           | mg/kg | 0.843 | 0.134 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.071 | 0.046 | 1               | 05/17/23 11:30 | 05/17/23 14:12 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 9.76   |           | mg/kg | 2.11  | 0.204 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 554    |           | mg/kg | 211   | 12.1  | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.68  | 0.217 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.421 | 0.238 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 59.1   | J         | mg/kg | 168   | 2.65  | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | 0.495  | J         | mg/kg | 1.68  | 0.265 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 26.0   |           | mg/kg | 0.843 | 0.171 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 41.9   |           | mg/kg | 4.21  | 0.247 | 2               | 05/17/23 11:00 | 05/17/23 14:49 | EPA 3050B   | 1,6010D           | DHL     |



Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-37

Date Collected: 05/16/23 14:05

Client ID: SRI-09\_20-22

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 5280   |           | mg/kg | 8.99  | 2.43  | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Antimony, Total              | 0.614  | J         | mg/kg | 4.50  | 0.342 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Arsenic, Total               | 2.78   |           | mg/kg | 0.899 | 0.187 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Barium, Total                | 42.7   |           | mg/kg | 0.899 | 0.156 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Beryllium, Total             | 0.453  |           | mg/kg | 0.450 | 0.030 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Cadmium, Total               | 0.135  | J         | mg/kg | 0.899 | 0.088 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Calcium, Total               | 1170   |           | mg/kg | 8.99  | 3.15  | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Chromium, Total              | 22.3   |           | mg/kg | 0.899 | 0.086 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 10.0   |           | mg/kg | 1.80  | 0.149 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Copper, Total                | 15.9   |           | mg/kg | 0.899 | 0.232 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Iron, Total                  | 20800  |           | mg/kg | 4.50  | 0.812 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Lead, Total                  | 9.06   |           | mg/kg | 4.50  | 0.241 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Magnesium, Total             | 1760   |           | mg/kg | 8.99  | 1.38  | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Manganese, Total             | 369    |           | mg/kg | 0.899 | 0.143 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Mercury, Total               | ND     |           | mg/kg | 0.073 | 0.048 | 1               | 05/17/23 11:30 | 05/17/23 14:15 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 14.5   |           | mg/kg | 2.25  | 0.218 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Potassium, Total             | 866    |           | mg/kg | 225   | 12.9  | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Selenium, Total              | ND     |           | mg/kg | 1.80  | 0.232 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Silver, Total                | ND     |           | mg/kg | 0.450 | 0.254 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Sodium, Total                | 91.1   | J         | mg/kg | 180   | 2.83  | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Thallium, Total              | 0.509  | J         | mg/kg | 1.80  | 0.283 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Vanadium, Total              | 22.7   |           | mg/kg | 0.899 | 0.182 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |
| Zinc, Total                  | 46.1   |           | mg/kg | 4.50  | 0.263 | 2               | 05/17/23 11:00 | 05/17/23 14:52 | EPA 3050B   | 1,6010D           | DHL     |



Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-39

Date Collected: 05/16/23 00:00

Client ID: DUP-01\_05162023

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 7210   |           | mg/kg | 10.3  | 2.77  | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Antimony, Total              | ND     |           | mg/kg | 5.13  | 0.390 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Arsenic, Total               | 8.16   |           | mg/kg | 1.03  | 0.214 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Barium, Total                | 39.1   |           | mg/kg | 1.03  | 0.179 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Beryllium, Total             | 0.844  |           | mg/kg | 0.513 | 0.034 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Cadmium, Total               | ND     |           | mg/kg | 1.03  | 0.101 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Calcium, Total               | 1490   |           | mg/kg | 10.3  | 3.59  | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Chromium, Total              | 20.4   |           | mg/kg | 1.03  | 0.099 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Cobalt, Total                | 14.6   |           | mg/kg | 2.05  | 0.170 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Copper, Total                | 17.2   |           | mg/kg | 1.03  | 0.265 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Iron, Total                  | 18600  |           | mg/kg | 5.13  | 0.927 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Lead, Total                  | 12.3   |           | mg/kg | 5.13  | 0.275 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Magnesium, Total             | 2960   |           | mg/kg | 10.3  | 1.58  | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Manganese, Total             | 284    |           | mg/kg | 1.03  | 0.163 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Mercury, Total               | ND     |           | mg/kg | 0.085 | 0.056 | 1               | 05/17/23 11:30 | 05/17/23 14:18 | EPA 7471B   | 1,7471B           | DMB     |
| Nickel, Total                | 21.3   |           | mg/kg | 2.57  | 0.248 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Potassium, Total             | 1250   |           | mg/kg | 257   | 14.8  | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Selenium, Total              | ND     |           | mg/kg | 2.05  | 0.265 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Silver, Total                | ND     |           | mg/kg | 0.513 | 0.290 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Sodium, Total                | 75.9   | J         | mg/kg | 205   | 3.23  | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Thallium, Total              | 0.734  | J         | mg/kg | 2.05  | 0.323 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Vanadium, Total              | 24.5   |           | mg/kg | 1.03  | 0.208 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |
| Zinc, Total                  | 55.6   |           | mg/kg | 5.13  | 0.301 | 2               | 05/17/23 11:00 | 05/17/23 16:04 | EPA 3050B   | 1,6010D           | AMW     |



Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## Method Blank Analysis Batch Quality Control

| Parameter                                                                                                   | Result | Qualifier | Units | RL    | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------------------|------------------|------------------|----------------------|---------|
| Total Metals - Mansfield Lab for sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1779839-1 |        |           |       |       |       |                    |                  |                  |                      |         |
| Mercury, Total                                                                                              | ND     |           | mg/kg | 0.083 | 0.054 | 1                  | 05/17/23 11:30   | 05/17/23 13:02   | 1,7471B              | DMB     |

### Prep Information

Digestion Method: EPA 7471B

| Parameter                                                                                                   | Result | Qualifier | Units | RL    | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------------------|------------------|------------------|----------------------|---------|
| Total Metals - Mansfield Lab for sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1779846-1 |        |           |       |       |       |                    |                  |                  |                      |         |
| Aluminum, Total                                                                                             | ND     |           | mg/kg | 4.00  | 1.08  | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Antimony, Total                                                                                             | 0.166  | J         | mg/kg | 2.00  | 0.152 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Arsenic, Total                                                                                              | ND     |           | mg/kg | 0.400 | 0.083 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Barium, Total                                                                                               | ND     |           | mg/kg | 0.400 | 0.070 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Beryllium, Total                                                                                            | ND     |           | mg/kg | 0.200 | 0.013 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Cadmium, Total                                                                                              | ND     |           | mg/kg | 0.400 | 0.039 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Calcium, Total                                                                                              | ND     |           | mg/kg | 4.00  | 1.40  | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Chromium, Total                                                                                             | ND     |           | mg/kg | 0.400 | 0.038 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Cobalt, Total                                                                                               | ND     |           | mg/kg | 0.800 | 0.066 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Copper, Total                                                                                               | ND     |           | mg/kg | 0.400 | 0.103 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Iron, Total                                                                                                 | ND     |           | mg/kg | 2.00  | 0.361 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Lead, Total                                                                                                 | ND     |           | mg/kg | 2.00  | 0.107 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Magnesium, Total                                                                                            | ND     |           | mg/kg | 4.00  | 0.616 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Manganese, Total                                                                                            | ND     |           | mg/kg | 0.400 | 0.064 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Nickel, Total                                                                                               | ND     |           | mg/kg | 1.00  | 0.097 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Potassium, Total                                                                                            | ND     |           | mg/kg | 100   | 5.76  | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Selenium, Total                                                                                             | ND     |           | mg/kg | 0.800 | 0.103 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Silver, Total                                                                                               | ND     |           | mg/kg | 0.200 | 0.113 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Sodium, Total                                                                                               | ND     |           | mg/kg | 80.0  | 1.26  | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Thallium, Total                                                                                             | ND     |           | mg/kg | 0.800 | 0.126 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Vanadium, Total                                                                                             | ND     |           | mg/kg | 0.400 | 0.081 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |
| Zinc, Total                                                                                                 | ND     |           | mg/kg | 2.00  | 0.117 | 1                  | 05/17/23 11:00   | 05/17/23 13:09   | 1,6010D              | DHL     |



Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## Method Blank Analysis Batch Quality Control

### Prep Information

Digestion Method: EPA 3050B

| Parameter                                                                  | Result | Qualifier | Units | RL    | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|----------------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------------------|------------------|------------------|----------------------|---------|
| Total Metals - Mansfield Lab for sample(s): 01-08,10-13 Batch: WG1780017-1 |        |           |       |       |       |                    |                  |                  |                      |         |
| Aluminum, Total                                                            | ND     |           | mg/kg | 4.00  | 1.08  | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Antimony, Total                                                            | ND     |           | mg/kg | 2.00  | 0.152 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Arsenic, Total                                                             | ND     |           | mg/kg | 0.400 | 0.083 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Barium, Total                                                              | ND     |           | mg/kg | 0.400 | 0.070 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Beryllium, Total                                                           | ND     |           | mg/kg | 0.200 | 0.013 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Cadmium, Total                                                             | ND     |           | mg/kg | 0.400 | 0.039 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Calcium, Total                                                             | ND     |           | mg/kg | 4.00  | 1.40  | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Chromium, Total                                                            | ND     |           | mg/kg | 0.400 | 0.038 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Cobalt, Total                                                              | ND     |           | mg/kg | 0.800 | 0.066 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Copper, Total                                                              | ND     |           | mg/kg | 0.400 | 0.103 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Iron, Total                                                                | 0.422  | J         | mg/kg | 2.00  | 0.361 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Lead, Total                                                                | ND     |           | mg/kg | 2.00  | 0.107 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Magnesium, Total                                                           | ND     |           | mg/kg | 4.00  | 0.616 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Manganese, Total                                                           | ND     |           | mg/kg | 0.400 | 0.064 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Nickel, Total                                                              | ND     |           | mg/kg | 1.00  | 0.097 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Potassium, Total                                                           | ND     |           | mg/kg | 100   | 5.76  | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Selenium, Total                                                            | ND     |           | mg/kg | 0.800 | 0.103 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Silver, Total                                                              | ND     |           | mg/kg | 0.200 | 0.113 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Sodium, Total                                                              | ND     |           | mg/kg | 80.0  | 1.26  | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Thallium, Total                                                            | ND     |           | mg/kg | 0.800 | 0.126 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Vanadium, Total                                                            | ND     |           | mg/kg | 0.400 | 0.081 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |
| Zinc, Total                                                                | ND     |           | mg/kg | 2.00  | 0.117 | 1                  | 05/18/23 13:05   | 05/21/23 12:53   | 1,6010D              | AMW     |

### Prep Information

Digestion Method: EPA 3050B





Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## Method Blank Analysis Batch Quality Control

| Parameter                                                            | Result | Qualifier | Units | RL    | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|----------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------------------|------------------|------------------|----------------------|---------|
| Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1780018-1 |        |           |       |       |       |                    |                  |                  |                      |         |
| Mercury, Total                                                       | ND     |           | mg/kg | 0.083 | 0.054 | 1                  | 05/18/23 13:51   | 05/22/23 22:05   | 1,7471B              | DMB     |

### Prep Information

Digestion Method: EPA 7471B

| Parameter                                                                       | Result | Qualifier | Units | RL    | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|---------------------------------------------------------------------------------|--------|-----------|-------|-------|--------|--------------------|------------------|------------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 12-13 Batch: WG1780893-1 |        |           |       |       |        |                    |                  |                  |                      |         |
| Lead, TCLP                                                                      | ND     |           | mg/l  | 0.500 | 0.0270 | 1                  | 05/19/23 08:39   | 05/19/23 10:27   | 1,6010D              | JMF     |

### Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 05/18/23 08:30

| Parameter                                                                             | Result | Qualifier | Units | RL    | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|---------------------------------------------------------------------------------------|--------|-----------|-------|-------|--------|--------------------|------------------|------------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-08,10-11 Batch: WG1780994-1 |        |           |       |       |        |                    |                  |                  |                      |         |
| Arsenic, TCLP                                                                         | ND     |           | mg/l  | 1.00  | 0.0190 | 1                  | 05/19/23 15:18   | 05/19/23 19:31   | 1,6010D              | MRC     |
| Barium, TCLP                                                                          | ND     |           | mg/l  | 0.500 | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 19:31   | 1,6010D              | MRC     |
| Cadmium, TCLP                                                                         | ND     |           | mg/l  | 0.100 | 0.0100 | 1                  | 05/19/23 15:18   | 05/19/23 19:31   | 1,6010D              | MRC     |
| Chromium, TCLP                                                                        | ND     |           | mg/l  | 0.200 | 0.0210 | 1                  | 05/19/23 15:18   | 05/19/23 19:31   | 1,6010D              | MRC     |
| Lead, TCLP                                                                            | ND     |           | mg/l  | 0.500 | 0.0270 | 1                  | 05/19/23 15:18   | 05/19/23 19:31   | 1,6010D              | MRC     |
| Selenium, TCLP                                                                        | ND     |           | mg/l  | 0.500 | 0.0350 | 1                  | 05/19/23 15:18   | 05/19/23 19:31   | 1,6010D              | MRC     |
| Silver, TCLP                                                                          | ND     |           | mg/l  | 0.100 | 0.0280 | 1                  | 05/19/23 15:18   | 05/19/23 19:31   | 1,6010D              | MRC     |

### Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 05/18/23 08:30



Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## Method Blank Analysis Batch Quality Control

| Parameter                                                                       | Result | Qualifier | Units | RL     | MDL    | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|---------------------------------------------------------------------------------|--------|-----------|-------|--------|--------|--------------------|------------------|------------------|----------------------|---------|
| TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-08 Batch: WG1780997-1 |        |           |       |        |        |                    |                  |                  |                      |         |
| Mercury, TCLP                                                                   | ND     |           | mg/l  | 0.0010 | 0.0005 | 1                  | 05/19/23 15:20   | 05/21/23 16:47   | 1,7470A              | TAA     |

### Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 05/18/23 08:30

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD Limits |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1779839-2 SRM Lot Number: D119-540 |                  |      |                   |      |                     |     |      |            |
| Mercury, Total                                                                                                                              | 89               |      | -                 |      | 73-127              | -   |      |            |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                   | LCS<br>%Recovery | LCSD<br>%Recovery | %Recovery<br>Limits | RPD | RPD Limits |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------|---------------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1779846-2 SRM Lot Number: D119-540 |                  |                   |                     |     |            |
| Aluminum, Total                                                                                                                             | 77               | -                 | 48-152              | -   |            |
| Antimony, Total                                                                                                                             | 159              | -                 | 10-190              | -   |            |
| Arsenic, Total                                                                                                                              | 104              | -                 | 83-117              | -   |            |
| Barium, Total                                                                                                                               | 95               | -                 | 82-118              | -   |            |
| Beryllium, Total                                                                                                                            | 97               | -                 | 83-117              | -   |            |
| Cadmium, Total                                                                                                                              | 92               | -                 | 82-117              | -   |            |
| Calcium, Total                                                                                                                              | 96               | -                 | 81-118              | -   |            |
| Chromium, Total                                                                                                                             | 98               | -                 | 82-119              | -   |            |
| Cobalt, Total                                                                                                                               | 97               | -                 | 83-117              | -   |            |
| Copper, Total                                                                                                                               | 98               | -                 | 84-116              | -   |            |
| Iron, Total                                                                                                                                 | 92               | -                 | 60-140              | -   |            |
| Lead, Total                                                                                                                                 | 104              | -                 | 82-118              | -   |            |
| Magnesium, Total                                                                                                                            | 91               | -                 | 76-124              | -   |            |
| Manganese, Total                                                                                                                            | 96               | -                 | 82-118              | -   |            |
| Nickel, Total                                                                                                                               | 95               | -                 | 82-117              | -   |            |
| Potassium, Total                                                                                                                            | 91               | -                 | 70-130              | -   |            |
| Selenium, Total                                                                                                                             | 106              | -                 | 79-121              | -   |            |
| Silver, Total                                                                                                                               | 99               | -                 | 80-120              | -   |            |
| Sodium, Total                                                                                                                               | 101              | -                 | 74-126              | -   |            |
| Thallium, Total                                                                                                                             | 102              | -                 | 81-119              | -   |            |
| Vanadium, Total                                                                                                                             | 96               | -                 | 79-121              | -   |            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                   | LCS<br>%Recovery | LCSD<br>%Recovery | %Recovery<br>Limits | RPD | RPD Limits |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------|---------------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 Batch: WG1779846-2 SRM Lot Number: D119-540 |                  |                   |                     |     |            |
| Zinc, Total                                                                                                                                 | 97               | -                 | 80-120              | -   |            |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                  | LCS<br>%Recovery | LCSD<br>%Recovery | %Recovery<br>Limits | RPD | RPD Limits |
|------------------------------------------------------------------------------------------------------------|------------------|-------------------|---------------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-08,10-13 Batch: WG1780017-2 SRM Lot Number: D119-540 |                  |                   |                     |     |            |
| Aluminum, Total                                                                                            | 78               | -                 | 48-152              | -   |            |
| Antimony, Total                                                                                            | 168              | -                 | 10-190              | -   |            |
| Arsenic, Total                                                                                             | 105              | -                 | 83-117              | -   |            |
| Barium, Total                                                                                              | 101              | -                 | 82-118              | -   |            |
| Beryllium, Total                                                                                           | 102              | -                 | 83-117              | -   |            |
| Cadmium, Total                                                                                             | 105              | -                 | 82-117              | -   |            |
| Calcium, Total                                                                                             | 96               | -                 | 81-118              | -   |            |
| Chromium, Total                                                                                            | 102              | -                 | 82-119              | -   |            |
| Cobalt, Total                                                                                              | 109              | -                 | 83-117              | -   |            |
| Copper, Total                                                                                              | 106              | -                 | 84-116              | -   |            |
| Iron, Total                                                                                                | 93               | -                 | 60-140              | -   |            |
| Lead, Total                                                                                                | 104              | -                 | 82-118              | -   |            |
| Magnesium, Total                                                                                           | 94               | -                 | 76-124              | -   |            |
| Manganese, Total                                                                                           | 101              | -                 | 82-118              | -   |            |
| Nickel, Total                                                                                              | 107              | -                 | 82-117              | -   |            |
| Potassium, Total                                                                                           | 90               | -                 | 70-130              | -   |            |
| Selenium, Total                                                                                            | 107              | -                 | 79-121              | -   |            |
| Silver, Total                                                                                              | 99               | -                 | 80-120              | -   |            |
| Sodium, Total                                                                                              | 98               | -                 | 74-126              | -   |            |
| Thallium, Total                                                                                            | 107              | -                 | 81-119              | -   |            |
| Vanadium, Total                                                                                            | 103              | -                 | 79-121              | -   |            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                  | LCS<br>%Recovery | LCSD<br>%Recovery | %Recovery<br>Limits | RPD | RPD Limits |
|------------------------------------------------------------------------------------------------------------|------------------|-------------------|---------------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-08,10-13 Batch: WG1780017-2 SRM Lot Number: D119-540 |                  |                   |                     |     |            |
| Zinc, Total                                                                                                | 104              | -                 | 80-120              | -   |            |
| Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1780018-2 SRM Lot Number: D119-540       |                  |                   |                     |     |            |
| Mercury, Total                                                                                             | 93               | -                 | 73-127              | -   |            |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 12-13 Batch: WG1780893-2                     |                  |                   |                     |     |            |
| Lead, TCLP                                                                                                 | 96               | -                 | 75-125              | -   | 20         |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-08,10-11 Batch: WG1780994-2               |                  |                   |                     |     |            |
| Arsenic, TCLP                                                                                              | 95               | -                 | 75-125              | -   | 20         |
| Barium, TCLP                                                                                               | 95               | -                 | 75-125              | -   | 20         |
| Cadmium, TCLP                                                                                              | 95               | -                 | 75-125              | -   | 20         |
| Chromium, TCLP                                                                                             | 94               | -                 | 75-125              | -   | 20         |
| Lead, TCLP                                                                                                 | 94               | -                 | 75-125              | -   | 20         |
| Selenium, TCLP                                                                                             | 97               | -                 | 75-125              | -   | 20         |
| Silver, TCLP                                                                                               | 93               | -                 | 75-125              | -   | 20         |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-08 Batch: WG1780997-2                     |                  |                   |                     |     |            |
| Mercury, TCLP                                                                                              | 97               | -                 | 80-120              | -   |            |

# **Matrix Spike Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Lab Number:** L2327188

**Project Number:** 0205563

**Report Date:** 06/07/23

| Parameter                                                                                                                               | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 QC Batch ID: WG1779839-3 WG1779839-4 QC |               |          |          |              |      |           |               |      |                 |     |      |            |
| Sample: L2327188-18 Client ID: SRI-01_14-16                                                                                             |               |          |          |              |      |           |               |      |                 |     |      |            |
| Mercury, Total                                                                                                                          | ND            | 1.34     | 1.12     | 84           |      | 1.07      | 82            |      | 80-120          | 5   |      | 20         |



# Matrix Spike Analysis

## Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

| Parameter                                                                                                                                                                           | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|-----------|---------------|-----------------|-----|--------------|
| Total Metals - Mansfield Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 QC Batch ID: WG1779846-3 WG1779846-4 QC Sample: L2327188-18 Client ID: SRI-01_14-16 |               |          |          |              |           |               |                 |     |              |
| Aluminum, Total                                                                                                                                                                     | 3210          | 157      | 3850     | 408          | Q         | 3620          | 255             | Q   | 75-125 6 20  |
| Antimony, Total                                                                                                                                                                     | ND            | 39.2     | 43.9     | 112          |           | 46.1          | 114             |     | 75-125 5 20  |
| Arsenic, Total                                                                                                                                                                      | 1.01          | 9.42     | 12.0     | 117          |           | 12.6          | 120             |     | 75-125 5 20  |
| Barium, Total                                                                                                                                                                       | 30.3          | 157      | 201      | 109          |           | 198           | 104             |     | 75-125 2 20  |
| Beryllium, Total                                                                                                                                                                    | 0.183J        | 3.92     | 4.25     | 108          |           | 4.34          | 108             |     | 75-125 2 20  |
| Cadmium, Total                                                                                                                                                                      | ND            | 4.16     | 4.35     | 104          |           | 4.45          | 104             |     | 75-125 2 20  |
| Calcium, Total                                                                                                                                                                      | 271           | 785      | 1100     | 106          |           | 1140          | 108             |     | 75-125 4 20  |
| Chromium, Total                                                                                                                                                                     | 9.60          | 15.7     | 22.4     | 82           |           | 22.6          | 81              |     | 75-125 1 20  |
| Cobalt, Total                                                                                                                                                                       | 2.24          | 39.2     | 43.2     | 104          |           | 44.0          | 104             |     | 75-125 2 20  |
| Copper, Total                                                                                                                                                                       | 7.89          | 19.6     | 29.2     | 108          |           | 29.4          | 107             |     | 75-125 1 20  |
| Iron, Total                                                                                                                                                                         | 6110          | 78.5     | 5970     | 0            | Q         | 5410          | 0               | Q   | 75-125 10 20 |
| Lead, Total                                                                                                                                                                         | 2.50J         | 41.6     | 53.7     | 129          | Q         | 56.0          | 131             | Q   | 75-125 4 20  |
| Magnesium, Total                                                                                                                                                                    | 971           | 785      | 1880     | 116          |           | 1740          | 96              |     | 75-125 8 20  |
| Manganese, Total                                                                                                                                                                    | 277           | 39.2     | 365      | 224          | Q         | 315           | 94              |     | 75-125 15 20 |
| Nickel, Total                                                                                                                                                                       | 5.40          | 39.2     | 46.2     | 104          |           | 46.5          | 102             |     | 75-125 1 20  |
| Potassium, Total                                                                                                                                                                    | 325           | 785      | 1190     | 110          |           | 1190          | 108             |     | 75-125 0 20  |
| Selenium, Total                                                                                                                                                                     | ND            | 9.42     | 11.4     | 121          |           | 11.8          | 122             |     | 75-125 3 20  |
| Silver, Total                                                                                                                                                                       | ND            | 3.92     | 4.17     | 106          |           | 4.23          | 105             |     | 75-125 1 20  |
| Sodium, Total                                                                                                                                                                       | 86.2J         | 785      | 912      | 116          |           | 948           | 118             |     | 75-125 4 20  |
| Thallium, Total                                                                                                                                                                     | 0.346J        | 9.42     | 11.7     | 124          |           | 12.0          | 124             |     | 75-125 3 20  |
| Vanadium, Total                                                                                                                                                                     | 7.85          | 39.2     | 48.9     | 104          |           | 49.6          | 104             |     | 75-125 1 20  |

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

| Parameter                                                                                                                                      | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits                         | RPD | RPD Limits |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|-----------|---------------|-----------------------------------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39<br>Sample: L2327188-18 Client ID: SRI-01_14-16 |               |          |          |              |           |               | QC Batch ID: WG1779846-3 WG1779846-4 QC |     |            |
| Zinc, Total                                                                                                                                    | 8.76          | 39.2     | 49.8     | 104          | 49.0      | 100           | 75-125                                  | 2   | 20         |

# Matrix Spike Analysis

## Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

| Parameter                                                                                                                                        | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|-----------|---------------|-----------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-08,10-13    QC Batch ID: WG1780017-3    QC Sample: L2327188-01    Client ID: WC-A_COMP_0-4 |               |          |          |              |           |               |                 |     |            |
| Aluminum, Total                                                                                                                                  | 6920          | 169      | 8210     | 764          | Q         | -             | 75-125          | -   | 20         |
| Antimony, Total                                                                                                                                  | ND            | 42.2     | 38.9     | 92           |           | -             | 75-125          | -   | 20         |
| Arsenic, Total                                                                                                                                   | 2.98          | 10.1     | 13.2     | 101          |           | -             | 75-125          | -   | 20         |
| Barium, Total                                                                                                                                    | 40.1          | 169      | 206      | 98           |           | -             | 75-125          | -   | 20         |
| Beryllium, Total                                                                                                                                 | 0.220J        | 4.22     | 4.28     | 101          |           | -             | 75-125          | -   | 20         |
| Cadmium, Total                                                                                                                                   | ND            | 4.47     | 4.34     | 97           |           | -             | 75-125          | -   | 20         |
| Calcium, Total                                                                                                                                   | 3220          | 844      | 4500     | 152          | Q         | -             | 75-125          | -   | 20         |
| Chromium, Total                                                                                                                                  | 16.6          | 16.9     | 34.9     | 108          |           | -             | 75-125          | -   | 20         |
| Cobalt, Total                                                                                                                                    | 7.14          | 42.2     | 47.4     | 95           |           | -             | 75-125          | -   | 20         |
| Copper, Total                                                                                                                                    | 14.2          | 21.1     | 37.6     | 111          |           | -             | 75-125          | -   | 20         |
| Iron, Total                                                                                                                                      | 18700         | 84.4     | 19700    | 1180         | Q         | -             | 75-125          | -   | 20         |
| Lead, Total                                                                                                                                      | 42.2          | 44.7     | 100      | 129          | Q         | -             | 75-125          | -   | 20         |
| Magnesium, Total                                                                                                                                 | 1560          | 844      | 2510     | 112          |           | -             | 75-125          | -   | 20         |
| Manganese, Total                                                                                                                                 | 223           | 42.2     | 284      | 144          | Q         | -             | 75-125          | -   | 20         |
| Nickel, Total                                                                                                                                    | 8.63          | 42.2     | 48.8     | 95           |           | -             | 75-125          | -   | 20         |
| Potassium, Total                                                                                                                                 | 543           | 844      | 1380     | 99           |           | -             | 75-125          | -   | 20         |
| Selenium, Total                                                                                                                                  | 0.252J        | 10.1     | 9.68     | 96           |           | -             | 75-125          | -   | 20         |
| Silver, Total                                                                                                                                    | ND            | 4.22     | 3.80     | 90           |           | -             | 75-125          | -   | 20         |
| Sodium, Total                                                                                                                                    | 376           | 844      | 1230     | 101          |           | -             | 75-125          | -   | 20         |
| Thallium, Total                                                                                                                                  | ND            | 10.1     | 9.53     | 94           |           | -             | 75-125          | -   | 20         |
| Vanadium, Total                                                                                                                                  | 24.0          | 42.2     | 64.5     | 96           |           | -             | 75-125          | -   | 20         |

# **Matrix Spike Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                      | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|-----------|---------------|-----------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-08,10-13 QC Batch ID: WG1780017-3 QC Sample: L2327188-01 Client ID: WC-A_COMP_0-4        |               |          |          |              |           |               |                 |     |            |
| Zinc, Total                                                                                                                                    | 40.5          | 42.2     | 95.0     | 129          | Q         | -             | 75-125          | -   | 20         |
| Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1780018-3 QC Sample: L2327177-04 Client ID: MS Sample                  |               |          |          |              |           |               |                 |     |            |
| Mercury, Total                                                                                                                                 | 0.057J        | 1.56     | 1.69     | 108          | -         | -             | 80-120          | -   | 20         |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 12-13 QC Batch ID: WG1780893-3 QC Sample: L2325414-01 Client ID: MS Sample       |               |          |          |              |           |               |                 |     |            |
| Lead, TCLP                                                                                                                                     | 0.0836J       | 5.3      | 5.10     | 96           | -         | -             | 75-125          | -   | 20         |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-08,10-11 QC Batch ID: WG1780994-3 QC Sample: L2326806-01 Client ID: MS Sample |               |          |          |              |           |               |                 |     |            |
| Arsenic, TCLP                                                                                                                                  | ND            | 1.2      | 1.16     | 97           | -         | -             | 75-125          | -   | 20         |
| Barium, TCLP                                                                                                                                   | 0.254J        | 20       | 19.5     | 98           | -         | -             | 75-125          | -   | 20         |
| Cadmium, TCLP                                                                                                                                  | ND            | 0.53     | 0.507    | 96           | -         | -             | 75-125          | -   | 20         |
| Chromium, TCLP                                                                                                                                 | ND            | 2        | 1.91     | 96           | -         | -             | 75-125          | -   | 20         |
| Lead, TCLP                                                                                                                                     | ND            | 5.3      | 5.04     | 95           | -         | -             | 75-125          | -   | 20         |
| Selenium, TCLP                                                                                                                                 | ND            | 1.2      | 1.17     | 98           | -         | -             | 75-125          | -   | 20         |
| Silver, TCLP                                                                                                                                   | ND            | 0.5      | 0.474    | 95           | -         | -             | 75-125          | -   | 20         |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1780997-3 QC Sample: L2326806-01 Client ID: MS Sample       |               |          |          |              |           |               |                 |     |            |
| Mercury, TCLP                                                                                                                                  | ND            | 0.025    | 0.0233   | 93           | -         | -             | 75-125          | -   | 20         |

# **Lab Duplicate Analysis** *Batch Quality Control*

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                               | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|-------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-08,10-13 QC Batch ID: WG1780017-4 QC Sample: L2327188-01 Client ID: WC-A_COMP_0-4 |               |                  |       |     |      |            |
| Aluminum, Total                                                                                                                         | 6920          | 7810             | mg/kg | 12  |      | 20         |
| Antimony, Total                                                                                                                         | ND            | ND               | mg/kg | NC  |      | 20         |
| Arsenic, Total                                                                                                                          | 2.98          | 3.40             | mg/kg | 13  |      | 20         |
| Barium, Total                                                                                                                           | 40.1          | 41.5             | mg/kg | 3   |      | 20         |
| Beryllium, Total                                                                                                                        | 0.220J        | 0.318J           | mg/kg | NC  |      | 20         |
| Cadmium, Total                                                                                                                          | ND            | ND               | mg/kg | NC  |      | 20         |
| Calcium, Total                                                                                                                          | 3220          | 3260             | mg/kg | 1   |      | 20         |
| Chromium, Total                                                                                                                         | 16.6          | 20.4             | mg/kg | 21  | Q    | 20         |
| Cobalt, Total                                                                                                                           | 7.14          | 7.03             | mg/kg | 2   |      | 20         |
| Copper, Total                                                                                                                           | 14.2          | 15.8             | mg/kg | 11  |      | 20         |
| Iron, Total                                                                                                                             | 18700         | 20000            | mg/kg | 7   |      | 20         |
| Lead, Total                                                                                                                             | 42.2          | 41.6             | mg/kg | 1   |      | 20         |
| Magnesium, Total                                                                                                                        | 1560          | 1730             | mg/kg | 10  |      | 20         |
| Manganese, Total                                                                                                                        | 223           | 283              | mg/kg | 24  | Q    | 20         |
| Nickel, Total                                                                                                                           | 8.63          | 10.2             | mg/kg | 17  |      | 20         |
| Potassium, Total                                                                                                                        | 543           | 556              | mg/kg | 2   |      | 20         |
| Selenium, Total                                                                                                                         | 0.252J        | ND               | mg/kg | NC  |      | 20         |
| Silver, Total                                                                                                                           | ND            | ND               | mg/kg | NC  |      | 20         |
| Sodium, Total                                                                                                                           | 376           | 407              | mg/kg | 8   |      | 20         |

# **Lab Duplicate Analysis** *Batch Quality Control*

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327188

**Report Date:** 06/07/23

| Parameter                                                                                                                                       | Native Sample | Duplicate Sample | Units | RPD | RPD Limits |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|-------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-08,10-13 QC Batch ID: WG1780017-4 QC Sample: L2327188-01 Client ID: WC-A_COMP_0-4         |               |                  |       |     |            |
| Thallium, Total                                                                                                                                 | ND            | ND               | mg/kg | NC  | 20         |
| Vanadium, Total                                                                                                                                 | 24.0          | 24.4             | mg/kg | 2   | 20         |
| Zinc, Total                                                                                                                                     | 40.5          | 43.2             | mg/kg | 6   | 20         |
| Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1780018-4 QC Sample: L2327177-04 Client ID: DUP Sample                  |               |                  |       |     |            |
| Mercury, Total                                                                                                                                  | 0.057J        | ND               | mg/kg | NC  | 20         |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 12-13 QC Batch ID: WG1780893-4 QC Sample: L2325414-01 Client ID: DUP Sample       |               |                  |       |     |            |
| Lead, TCLP                                                                                                                                      | 0.0836J       | ND               | mg/l  | NC  | 20         |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-08,10-11 QC Batch ID: WG1780994-4 QC Sample: L2326806-01 Client ID: DUP Sample |               |                  |       |     |            |
| Arsenic, TCLP                                                                                                                                   | ND            | ND               | mg/l  | NC  | 20         |
| Barium, TCLP                                                                                                                                    | 0.254J        | 0.256J           | mg/l  | NC  | 20         |
| Cadmium, TCLP                                                                                                                                   | ND            | ND               | mg/l  | NC  | 20         |
| Chromium, TCLP                                                                                                                                  | ND            | ND               | mg/l  | NC  | 20         |
| Lead, TCLP                                                                                                                                      | ND            | ND               | mg/l  | NC  | 20         |
| Selenium, TCLP                                                                                                                                  | ND            | ND               | mg/l  | NC  | 20         |
| Silver, TCLP                                                                                                                                    | ND            | ND               | mg/l  | NC  | 20         |
| TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1780997-4 QC Sample: L2326806-01 Client ID: DUP Sample       |               |                  |       |     |            |
| Mercury, TCLP                                                                                                                                   | ND            | ND               | mg/l  | NC  | 20         |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Serial Dilution  
Analysis  
Batch Quality Control**

**Lab Number:** L2327188  
**Report Date:** 06/07/23

| Parameter                                                                                                                                                               | Native Sample | Serial Dilution | Units | % D | Qual | RPD Limits |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|-------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 QC Batch ID: WG1779846-6 QC Sample: L2327188-18 Client ID: SRI-01_14-16 |               |                 |       |     |      |            |
| Aluminum, Total                                                                                                                                                         | 3210          | 3290            | mg/kg | 2   |      | 20         |
| Barium, Total                                                                                                                                                           | 30.3          | 30.9            | mg/kg | 2   |      | 20         |
| Calcium, Total                                                                                                                                                          | 271           | 277             | mg/kg | 2   |      | 20         |
| Iron, Total                                                                                                                                                             | 6110          | 6420            | mg/kg | 5   |      | 20         |
| Magnesium, Total                                                                                                                                                        | 971           | 1020            | mg/kg | 5   |      | 20         |
| Manganese, Total                                                                                                                                                        | 277           | 289             | mg/kg | 4   |      | 20         |
| Total Metals - Mansfield Lab Associated sample(s): 01-08,10-13 QC Batch ID: WG1780017-6 QC Sample: L2327188-01 Client ID: WC-A_COMP_0-4                                 |               |                 |       |     |      |            |
| Aluminum, Total                                                                                                                                                         | 6920          | 7360            | mg/kg | 6   |      | 20         |
| Barium, Total                                                                                                                                                           | 40.1          | 43.0            | mg/kg | 7   |      | 20         |
| Calcium, Total                                                                                                                                                          | 3220          | 3480            | mg/kg | 8   |      | 20         |
| Iron, Total                                                                                                                                                             | 18700         | 21100           | mg/kg | 13  |      | 20         |
| Magnesium, Total                                                                                                                                                        | 1560          | 1730            | mg/kg | 11  |      | 20         |
| Manganese, Total                                                                                                                                                        | 223           | 240             | mg/kg | 8   |      | 20         |
| Vanadium, Total                                                                                                                                                         | 24.0          | 26.3            | mg/kg | 10  |      | 20         |

# **INORGANICS & MISCELLANEOUS**



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### SAMPLE RESULTS

**Lab ID:** L2327188-01  
**Client ID:** WC-A\_COMP\_0-4  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 10:15  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

### Test Material Information

**Source of Material:** Unknown  
**Description of Material:** Non-Metallic - Damp Soil  
**Particle Size:** Medium  
**Preliminary Burning Time (sec):** 120

| Parameter                                | Result | Date Analyzed  | Analytical Method | Analyst |
|------------------------------------------|--------|----------------|-------------------|---------|
| Ignitability of Solids - Westborough Lab |        |                |                   |         |
| Ignitability                             | NI     | 05/23/23 16:48 | 1,1030            | MMJ     |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

**SAMPLE RESULTS**

**Lab ID:** L2327188-02  
**Client ID:** WC-A\_COMP\_4-8  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 10:20  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

**Test Material Information**

**Source of Material:** Unknown  
**Description of Material:** Non-Metallic - Damp Soil  
**Particle Size:** Medium  
**Preliminary Burning Time (sec):** 120

| Parameter                                | Result | Date Analyzed  | Analytical Method | Analyst |
|------------------------------------------|--------|----------------|-------------------|---------|
| Ignitability of Solids - Westborough Lab |        |                |                   |         |
| Ignitability                             | NI     | 05/23/23 16:48 | 1,1030            | MMJ     |



Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

**SAMPLE RESULTS**

Lab ID: L2327188-03

Client ID: WC-A\_COMP\_8-12

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:25

Date Received: 05/16/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

**Test Material Information**

Source of Material: Unknown

Description of Material: Non-Metallic - Damp Soil

Particle Size: Medium

Preliminary Burning Time (sec): 120

| Parameter                                | Result | Date Analyzed  | Analytical Method | Analyst |
|------------------------------------------|--------|----------------|-------------------|---------|
| Ignitability of Solids - Westborough Lab |        |                |                   |         |
| Ignitability                             | NI     | 05/23/23 16:48 | 1,1030            | MMJ     |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### SAMPLE RESULTS

**Lab ID:** L2327188-04  
**Client ID:** WC-A\_COMP\_12-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 10:30  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

### Test Material Information

**Source of Material:** Unknown  
**Description of Material:** Non-Metallic - Damp Soil  
**Particle Size:** Medium  
**Preliminary Burning Time (sec):** 120

| Parameter                                | Result | Date Analyzed  | Analytical Method | Analyst |
|------------------------------------------|--------|----------------|-------------------|---------|
| Ignitability of Solids - Westborough Lab |        |                |                   |         |
| Ignitability                             | NI     | 05/23/23 16:48 | 1,1030            | MMJ     |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### SAMPLE RESULTS

**Lab ID:** L2327188-05  
**Client ID:** WC-B\_COMP\_0-4  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 14:20  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

### Test Material Information

**Source of Material:** Unknown  
**Description of Material:** Non-Metallic - Damp Soil  
**Particle Size:** Medium  
**Preliminary Burning Time (sec):** 120

| Parameter                                | Result | Date Analyzed  | Analytical Method | Analyst |
|------------------------------------------|--------|----------------|-------------------|---------|
| Ignitability of Solids - Westborough Lab |        |                |                   |         |
| Ignitability                             | NI     | 05/20/23 11:00 | 1,1030            | MLT     |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### SAMPLE RESULTS

**Lab ID:** L2327188-06  
**Client ID:** WC-B\_COMP\_4-8  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 14:25  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

### Test Material Information

**Source of Material:** Unknown  
**Description of Material:** Non-Metallic - Damp Soil  
**Particle Size:** Medium  
**Preliminary Burning Time (sec):** 120

| Parameter                                | Result | Date Analyzed  | Analytical Method | Analyst |
|------------------------------------------|--------|----------------|-------------------|---------|
| Ignitability of Solids - Westborough Lab |        |                |                   |         |
| Ignitability                             | NI     | 05/20/23 11:00 | 1,1030            | MLT     |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### SAMPLE RESULTS

**Lab ID:** L2327188-07  
**Client ID:** WC-B\_COMP\_8-12  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 14:30  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

### Test Material Information

**Source of Material:** Unknown  
**Description of Material:** Non-Metallic - Damp Soil  
**Particle Size:** Medium  
**Preliminary Burning Time (sec):** 120

| Parameter                                | Result | Date Analyzed  | Analytical Method | Analyst |
|------------------------------------------|--------|----------------|-------------------|---------|
| Ignitability of Solids - Westborough Lab |        |                |                   |         |
| Ignitability                             | NI     | 05/20/23 11:00 | 1,1030            | MLT     |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

### SAMPLE RESULTS

**Lab ID:** L2327188-08  
**Client ID:** WC-B\_COMP\_12-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/16/23 14:35  
**Date Received:** 05/16/23  
**Field Prep:** Not Specified

**Sample Depth:**  
**Matrix:** Soil

### Test Material Information

**Source of Material:** Unknown  
**Description of Material:** Non-Metallic - Damp Soil  
**Particle Size:** Medium  
**Preliminary Burning Time (sec):** 120

| Parameter                                | Result | Date Analyzed  | Analytical Method | Analyst |
|------------------------------------------|--------|----------------|-------------------|---------|
| Ignitability of Solids - Westborough Lab |        |                |                   |         |
| Ignitability                             | NI     | 05/20/23 11:00 | 1,1030            | MLT     |





Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-01

Date Collected: 05/16/23 10:15

Client ID: WC-A\_COMP\_0-4

Date Received: 05/16/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL  | Dilution Factor | Date Prepared  | Date Analyzed  | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|------|-----------------|----------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |      |                 |                |                |                   |         |
| Solids, Total                       | 89.2   |           | %     | 0.100 | NA   | 1               | -              | 05/17/23 09:50 | 121,2540G         | ROI     |
| Cyanide, Total                      | ND     |           | mg/kg | 1.1   | 0.23 | 1               | 05/17/23 13:20 | 05/17/23 16:44 | 1,9010C/9012B     | JER     |
| pH (H)                              | 7.69   |           | SU    | -     | NA   | 1               | -              | 05/22/23 20:20 | 1,9045D           | AAS     |
| Cyanide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 13:20 | 125,7.3           | MMJ     |
| Sulfide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 12:52 | 125,7.3           | MMJ     |



Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-02

Client ID: WC-A\_COMP\_4-8

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:20

Date Received: 05/16/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL  | Dilution Factor | Date Prepared  | Date Analyzed  | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|------|-----------------|----------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |      |                 |                |                |                   |         |
| Solids, Total                       | 88.1   |           | %     | 0.100 | NA   | 1               | -              | 05/17/23 09:50 | 121,2540G         | ROI     |
| Cyanide, Total                      | ND     |           | mg/kg | 1.1   | 0.23 | 1               | 05/17/23 13:20 | 05/17/23 16:49 | 1,9010C/9012B     | JER     |
| pH (H)                              | 7.81   |           | SU    | -     | NA   | 1               | -              | 05/22/23 20:20 | 1,9045D           | AAS     |
| Cyanide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 13:20 | 125,7.3           | MMJ     |
| Sulfide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 12:52 | 125,7.3           | MMJ     |



Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-03

Client ID: WC-A\_COMP\_8-12

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:25

Date Received: 05/16/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL  | Dilution Factor | Date Prepared  | Date Analyzed  | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|------|-----------------|----------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |      |                 |                |                |                   |         |
| Solids, Total                       | 90.9   |           | %     | 0.100 | NA   | 1               | -              | 05/17/23 09:50 | 121,2540G         | ROI     |
| Cyanide, Total                      | ND     |           | mg/kg | 1.0   | 0.22 | 1               | 05/17/23 13:20 | 05/17/23 16:50 | 1,9010C/9012B     | JER     |
| pH (H)                              | 8.09   |           | SU    | -     | NA   | 1               | -              | 05/22/23 20:20 | 1,9045D           | AAS     |
| Cyanide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 13:21 | 125,7.3           | MMJ     |
| Sulfide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 12:53 | 125,7.3           | MMJ     |



Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-04

Client ID: WC-A\_COMP\_12-16

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 10:30

Date Received: 05/16/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL  | Dilution Factor | Date Prepared  | Date Analyzed  | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|------|-----------------|----------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |      |                 |                |                |                   |         |
| Solids, Total                       | 87.7   |           | %     | 0.100 | NA   | 1               | -              | 05/17/23 09:50 | 121,2540G         | ROI     |
| Cyanide, Total                      | ND     |           | mg/kg | 1.1   | 0.22 | 1               | 05/17/23 13:20 | 05/17/23 16:51 | 1,9010C/9012B     | JER     |
| pH (H)                              | 7.94   |           | SU    | -     | NA   | 1               | -              | 05/22/23 20:20 | 1,9045D           | AAS     |
| Cyanide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 13:21 | 125,7.3           | MMJ     |
| Sulfide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 12:53 | 125,7.3           | MMJ     |



Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-05

Client ID: WC-B\_COMP\_0-4

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:20

Date Received: 05/16/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL  | Dilution Factor | Date Prepared  | Date Analyzed  | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|------|-----------------|----------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |      |                 |                |                |                   |         |
| Solids, Total                       | 83.8   |           | %     | 0.100 | NA   | 1               | -              | 05/17/23 09:50 | 121,2540G         | ROI     |
| Cyanide, Total                      | ND     |           | mg/kg | 1.2   | 0.25 | 1               | 05/18/23 07:55 | 05/18/23 12:04 | 1,9010C/9012B     | JER     |
| pH (H)                              | 7.67   |           | SU    | -     | NA   | 1               | -              | 05/22/23 20:20 | 1,9045D           | AAS     |
| Cyanide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 13:21 | 125,7.3           | MMJ     |
| Sulfide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 12:53 | 125,7.3           | MMJ     |



Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-06

Client ID: WC-B\_COMP\_4-8

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:25

Date Received: 05/16/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL  | Dilution Factor | Date Prepared  | Date Analyzed  | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|------|-----------------|----------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |      |                 |                |                |                   |         |
| Solids, Total                       | 89.6   |           | %     | 0.100 | NA   | 1               | -              | 05/17/23 09:50 | 121,2540G         | ROI     |
| Cyanide, Total                      | ND     |           | mg/kg | 1.1   | 0.23 | 1               | 05/18/23 07:55 | 05/18/23 12:09 | 1,9010C/9012B     | JER     |
| pH (H)                              | 7.05   |           | SU    | -     | NA   | 1               | -              | 05/22/23 20:20 | 1,9045D           | AAS     |
| Cyanide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 13:22 | 125,7.3           | MMJ     |
| Sulfide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 12:55 | 125,7.3           | MMJ     |



Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-07

Client ID: WC-B\_COMP\_8-12

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:30

Date Received: 05/16/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL  | Dilution Factor | Date Prepared  | Date Analyzed  | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|------|-----------------|----------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |      |                 |                |                |                   |         |
| Solids, Total                       | 86.5   |           | %     | 0.100 | NA   | 1               | -              | 05/17/23 09:50 | 121,2540G         | ROI     |
| Cyanide, Total                      | ND     |           | mg/kg | 1.1   | 0.24 | 1               | 05/18/23 07:55 | 05/18/23 12:10 | 1,9010C/9012B     | JER     |
| pH (H)                              | 8.16   |           | SU    | -     | NA   | 1               | -              | 05/22/23 20:20 | 1,9045D           | AAS     |
| Cyanide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 13:23 | 125,7.3           | MMJ     |
| Sulfide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 12:56 | 125,7.3           | MMJ     |



Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

## SAMPLE RESULTS

Lab ID: L2327188-08

Client ID: WC-B\_COMP\_12-16

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/16/23 14:35

Date Received: 05/16/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL  | Dilution Factor | Date Prepared  | Date Analyzed  | Analytical Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|------|-----------------|----------------|----------------|-------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |      |                 |                |                |                   |         |
| Solids, Total                       | 87.8   |           | %     | 0.100 | NA   | 1               | -              | 05/17/23 09:50 | 121,2540G         | ROI     |
| Cyanide, Total                      | ND     |           | mg/kg | 1.0   | 0.22 | 1               | 05/18/23 07:55 | 05/18/23 12:11 | 1,9010C/9012B     | JER     |
| pH (H)                              | 9.59   |           | SU    | -     | NA   | 1               | -              | 05/22/23 20:20 | 1,9045D           | AAS     |
| Cyanide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 13:23 | 125,7.3           | MMJ     |
| Sulfide, Reactive                   | ND     |           | mg/kg | 10    | 10.  | 1               | 05/23/23 11:00 | 05/23/23 12:56 | 125,7.3           | MMJ     |





**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-09**Client ID:** WC-A\_COMP\_12-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 10:35**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result   | Qualifier | Units | RL | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|----------|-----------|-------|----|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |          |           |       |    |     |                    |                  |                  |                      |         |
| Paint Filter Liquid                 | NEGATIVE |           | -     | 0  | NA  | 1                  | -                | 05/17/23 18:58   | 1,9095B              | AAS     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-10**Client ID:** RI\_SB02\_0-0.5**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 10:00**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 86.8   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 09:50   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-11**Client ID:** RI\_SB03\_0-0.5**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 11:10**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 79.7   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 09:50   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-12**Client ID:** RI\_SB10\_6-8**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 12:50**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 88.0   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 09:50   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-13**Client ID:** RI\_SB04\_0-0.5**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 14:15**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 97.3   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 09:50   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-14**Client ID:** WC-B-GRAB\_3-4**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 13:10**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 86.1   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 09:50   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-15**Client ID:** WC-B-GRAB\_7-8**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 12:55**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 87.0   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 09:50   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-16**Client ID:** WC-B-GRAB\_11-12**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 13:00**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 84.1   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 10:05   | 121,2540G            | ROI     |





**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-17**Client ID:** WC-B-GRAB\_15-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 13:05**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 91.1   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 10:05   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-18**Client ID:** SRI-01\_14-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 08:50**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 97.1   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-19**Client ID:** SRI-01\_20-22**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 08:55**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 96.0   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-21**Client ID:** SRI-02\_14-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 09:45**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 79.6   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-22**Client ID:** SRI-02\_20-22**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 09:50**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 80.3   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-24**Client ID:** SRI-06\_14-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 10:50**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 97.8   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-25**Client ID:** SRI-06\_20-22**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 10:55**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 96.3   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-27**Client ID:** SRI-05\_14-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 12:35**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 88.9   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |





**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-28**Client ID:** SRI-05\_20-22**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 12:40**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 89.9   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-30**Client ID:** SRI-07\_14-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 12:00**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 86.9   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-31**Client ID:** SRI-07\_20-22**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 12:05**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 96.9   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-33**Client ID:** SRI-08\_14-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 13:20**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 88.0   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-34**Client ID:** SRI-08\_20-22**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 13:25**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 95.3   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-36**Client ID:** SRI-09\_14-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 14:00**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 90.1   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-37**Client ID:** SRI-09\_20-22**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 14:05**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 87.5   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327188**Report Date:** 06/07/23**SAMPLE RESULTS****Lab ID:** L2327188-39**Client ID:** DUP-01\_05162023**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/16/23 00:00**Date Received:** 05/16/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 75.5   |           | %     | 0.100 | NA  | 1                  | -                | 05/17/23 06:10   | 121,2540G            | JAD     |





Project Name: 828 METROPOLITAN

Lab Number: L2327188

Project Number: 0205563

Report Date: 06/07/23

### Method Blank Analysis Batch Quality Control

| Parameter                                                                   | Result | Qualifier | Units | RL   | MDL  | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-----------------------------------------------------------------------------|--------|-----------|-------|------|------|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1779873-1 |        |           |       |      |      |                    |                  |                  |                      |         |
| Cyanide, Total                                                              | ND     |           | mg/kg | 0.92 | 0.19 | 1                  | 05/17/23 13:20   | 05/17/23 16:32   | 1,9010C/9012B        | JER     |
| General Chemistry - Westborough Lab for sample(s): 05-08 Batch: WG1780278-1 |        |           |       |      |      |                    |                  |                  |                      |         |
| Cyanide, Total                                                              | ND     |           | mg/kg | 0.88 | 0.19 | 1                  | 05/18/23 07:55   | 05/18/23 11:46   | 1,9010C/9012B        | JER     |
| General Chemistry - Westborough Lab for sample(s): 01-08 Batch: WG1782176-1 |        |           |       |      |      |                    |                  |                  |                      |         |
| Sulfide, Reactive                                                           | ND     |           | mg/kg | 10   | 10.  | 1                  | 05/23/23 11:00   | 05/23/23 12:43   | 125,7.3              | MMJ     |
| General Chemistry - Westborough Lab for sample(s): 01-08 Batch: WG1782200-1 |        |           |       |      |      |                    |                  |                  |                      |         |
| Cyanide, Reactive                                                           | ND     |           | mg/kg | 10   | 10.  | 1                  | 05/23/23 11:00   | 05/23/23 13:14   | 125,7.3              | MMJ     |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327188  
**Report Date:** 06/07/23

| Parameter                                                                                      | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD Limits |
|------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|------------|
| General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1779873-2 WG1779873-3 |                  |      |                   |      |                     |     |      |            |
| Cyanide, Total                                                                                 | 77               | Q    | 63                | Q    | 80-120              | 20  |      | 35         |
| General Chemistry - Westborough Lab Associated sample(s): 05-08 Batch: WG1780278-2 WG1780278-3 |                  |      |                   |      |                     |     |      |            |
| Cyanide, Total                                                                                 | 89               |      | 98                |      | 80-120              | 7   |      | 35         |
| General Chemistry - Westborough Lab Associated sample(s): 01-08 Batch: WG1781995-1             |                  |      |                   |      |                     |     |      |            |
| pH                                                                                             | 100              |      | -                 |      | 99-101              | -   |      |            |
| General Chemistry - Westborough Lab Associated sample(s): 01-08 Batch: WG1782176-2             |                  |      |                   |      |                     |     |      |            |
| Sulfide, Reactive                                                                              | 74               |      | -                 |      | 60-125              | -   |      | 40         |
| General Chemistry - Westborough Lab Associated sample(s): 01-08 Batch: WG1782200-2             |                  |      |                   |      |                     |     |      |            |
| Cyanide, Reactive                                                                              | 96               |      | -                 |      | 30-125              | -   |      | 40         |

# **Matrix Spike Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Lab Number:** L2327188

**Project Number:** 0205563

**Report Date:** 06/07/23

| Parameter                                                                                                                                            | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1779873-4 WG1779873-5 QC Sample: L2327188-01 Client ID: WC-A_COMP_0-4 |               |          |          |              |      |           |               |      |                 |     |      |            |
| Cyanide, Total                                                                                                                                       | ND            | 11       | 12       | 110          |      | 11        | 100           |      | 75-125          | 10  |      | 35         |
| General Chemistry - Westborough Lab Associated sample(s): 05-08 QC Batch ID: WG1780278-4 WG1780278-5 QC Sample: L2327188-05 Client ID: WC-B_COMP_0-4 |               |          |          |              |      |           |               |      |                 |     |      |            |
| Cyanide, Total                                                                                                                                       | ND            | 12       | 12       | 100          |      | 11        | 100           |      | 75-125          | 9   |      | 35         |

# Lab Duplicate Analysis

Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327188

Report Date: 06/07/23

| Parameter                                                                                                                                                                      | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|-------|-----|------|------------|
| General Chemistry - Westborough Lab Associated sample(s): 18-19,21-22,24-25,27-28,30-31,33-34,36-37,39 QC Batch ID: WG1779809-1 QC Sample: L2327188-18 Client ID: SRI-01_14-16 |               |                  |       |     |      |            |
| Solids, Total                                                                                                                                                                  | 97.1          | 97.2             | %     | 0   |      | 20         |
| General Chemistry - Westborough Lab Associated sample(s): 01-08,10-15 QC Batch ID: WG1779897-1 QC Sample: L2327188-01 Client ID: WC-A_COMP_0-4                                 |               |                  |       |     |      |            |
| Solids, Total                                                                                                                                                                  | 89.2          | 89.4             | %     | 0   |      | 20         |
| General Chemistry - Westborough Lab Associated sample(s): 16-17 QC Batch ID: WG1779898-1 QC Sample: L2327098-04 Client ID: DUP Sample                                          |               |                  |       |     |      |            |
| Solids, Total                                                                                                                                                                  | 87.4          | 87.6             | %     | 0   |      | 20         |
| General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1781995-2 QC Sample: L2325452-01 Client ID: DUP Sample                                          |               |                  |       |     |      |            |
| pH                                                                                                                                                                             | 5.86          | 5.88             | SU    | 0   |      | 5          |
| General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1782176-3 QC Sample: L2325452-01 Client ID: DUP Sample                                          |               |                  |       |     |      |            |
| Sulfide, Reactive                                                                                                                                                              | ND            | ND               | mg/kg | NC  |      | 40         |
| General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1782200-3 QC Sample: L2325452-01 Client ID: DUP Sample                                          |               |                  |       |     |      |            |
| Cyanide, Reactive                                                                                                                                                              | ND            | ND               | mg/kg | NC  |      | 40         |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

| <b>Cooler</b> | <b>Custody Seal</b> |
|---------------|---------------------|
| A             | Absent              |
| B             | Absent              |
| C             | Absent              |
| D             | Absent              |

**Container Information**

| <b>Container ID</b> | <b>Container Type</b>                 | <b>Cooler</b> | <b>Initial pH</b> | <b>Final pH</b> | <b>Temp deg C</b> | <b>Pres</b> | <b>Seal</b> | <b>Frozen Date/Time</b> | <b>Analysis(*)</b>                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------|---------------|-------------------|-----------------|-------------------|-------------|-------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327188-01A        | Glass 60mL/2oz unpreserved            | A             | NA                |                 | 2.2               | Y           | Absent      |                         | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180) |
| L2327188-01B        | Glass 120ml/4oz unpreserved           | A             | NA                |                 | 2.2               | Y           | Absent      |                         | TCN-9010(14),REACTS(14),NYTCL-8270(14),IGNIT-1030(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14)                                                                                                                           |
| L2327188-01C        | Glass 500ml/16oz unpreserved          | A             | NA                |                 | 2.2               | Y           | Absent      |                         | TCN-9010(14),REACTS(14),NYTCL-8270(14),IGNIT-1030(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14)                                                                                                                           |
| L2327188-01X        | Plastic 120ml HNO3 preserved Extracts | A             | NA                |                 | 2.2               | Y           | Absent      |                         | CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)                                                                                                                                                                    |
| L2327188-01X9       | Tumble Vessel                         | A             | NA                |                 | 2.2               | Y           | Absent      |                         | -                                                                                                                                                                                                                                                        |
| L2327188-02A        | Glass 60mL/2oz unpreserved            | A             | NA                |                 | 2.2               | Y           | Absent      |                         | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L2327188-02B        | Glass 120ml/4oz unpreserved           | A             | NA                |                 | 2.2               | Y           | Absent      |                         | IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365)                                                                                                                           |
| L2327188-02C        | Glass 500ml/16oz unpreserved          | A             | NA                |                 | 2.2               | Y           | Absent      |                         | IGNIT-1030(14),NYTCL-8270(14),REACTS(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365)                                                                                                                           |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Serial\_No:** 06072310:21  
**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Container Information**

| Container ID  | Container Type                        | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|---------------|---------------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327188-02X  | Plastic 120ml HNO3 preserved Extracts | A      | NA         |          | 2.2        | Y    | Absent |                  | CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)                                                                                                                                                                    |
| L2327188-02X9 | Tumble Vessel                         | A      | NA         |          | 2.2        | Y    | Absent |                  | -                                                                                                                                                                                                                                                        |
| L2327188-03A  | Glass 60mL/2oz unpreserved            | A      | NA         |          | 2.2        | Y    | Absent |                  | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180) |
| L2327188-03B  | Glass 120ml/4oz unpreserved           | A      | NA         |          | 2.2        | Y    | Absent |                  | IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),REACTS(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365)                                                                                                                           |
| L2327188-03C  | Glass 500ml/16oz unpreserved          | A      | NA         |          | 2.2        | Y    | Absent |                  | IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),REACTS(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365)                                                                                                                           |
| L2327188-03X  | Plastic 120ml HNO3 preserved Extracts | A      | NA         |          | 2.2        | Y    | Absent |                  | CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)                                                                                                                                                                    |
| L2327188-03X9 | Tumble Vessel                         | A      | NA         |          | 2.2        | Y    | Absent |                  | -                                                                                                                                                                                                                                                        |
| L2327188-04A  | Glass 60mL/2oz unpreserved            | A      | NA         |          | 2.2        | Y    | Absent |                  | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),MG-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180) |
| L2327188-04B  | Glass 120ml/4oz unpreserved           | A      | NA         |          | 2.2        | Y    | Absent |                  | REACTS(14),IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14)                                                                                                                           |
| L2327188-04C  | Glass 500ml/16oz unpreserved          | A      | NA         |          | 2.2        | Y    | Absent |                  | REACTS(14),IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14)                                                                                                                           |
| L2327188-04X  | Plastic 120ml HNO3 preserved Extracts | A      | NA         |          | 2.2        | Y    | Absent |                  | CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)                                                                                                                                                                    |
| L2327188-04X9 | Tumble Vessel                         | A      | NA         |          | 2.2        | Y    | Absent |                  | -                                                                                                                                                                                                                                                        |
| L2327188-05A  | Glass 60mL/2oz unpreserved            | C      | NA         |          | 3.1        | Y    | Absent |                  | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Serial\_No:** 06072310:21  
**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Container Information**

| Container ID  | Container Type                        | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|---------------|---------------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327188-05B  | Glass 120ml/4oz unpreserved           | C      | NA         |          | 3.1        | Y    | Absent |                  | NYTCL-8270(14),IGNIT-1030(14),REACTS(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365)                                                                                                                           |
| L2327188-05C  | Glass 500ml/16oz unpreserved          | C      | NA         |          | 3.1        | Y    | Absent |                  | NYTCL-8270(14),IGNIT-1030(14),REACTS(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365)                                                                                                                           |
| L2327188-05X  | Plastic 120ml HNO3 preserved Extracts | C      | NA         |          | 3.1        | Y    | Absent |                  | CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)                                                                                                                                                                    |
| L2327188-05X9 | Tumble Vessel                         | C      | NA         |          | 3.1        | Y    | Absent |                  | -                                                                                                                                                                                                                                                        |
| L2327188-06A  | Glass 60mL/2oz unpreserved            | C      | NA         |          | 3.1        | Y    | Absent |                  | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L2327188-06B  | Glass 120ml/4oz unpreserved           | C      | NA         |          | 3.1        | Y    | Absent |                  | IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14)                                                                                                                           |
| L2327188-06C  | Glass 500ml/16oz unpreserved          | C      | NA         |          | 3.1        | Y    | Absent |                  | IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14)                                                                                                                           |
| L2327188-06X  | Plastic 120ml HNO3 preserved Extracts | C      | NA         |          | 3.1        | Y    | Absent |                  | CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)                                                                                                                                                                    |
| L2327188-06X9 | Tumble Vessel                         | C      | NA         |          | 3.1        | Y    | Absent |                  | -                                                                                                                                                                                                                                                        |
| L2327188-07A  | Glass 60mL/2oz unpreserved            | C      | NA         |          | 3.1        | Y    | Absent |                  | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180) |
| L2327188-07B  | Glass 120ml/4oz unpreserved           | C      | NA         |          | 3.1        | Y    | Absent |                  | TCN-9010(14),NYTCL-8270(14),REACTS(14),IGNIT-1030(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14)                                                                                                                           |
| L2327188-07C  | Glass 500ml/16oz unpreserved          | C      | NA         |          | 3.1        | Y    | Absent |                  | TCN-9010(14),NYTCL-8270(14),REACTS(14),IGNIT-1030(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14)                                                                                                                           |
| L2327188-07X  | Plastic 120ml HNO3 preserved Extracts | C      | NA         |          | 3.1        | Y    | Absent |                  | CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)                                                                                                                                                                    |

\*Values in parentheses indicate holding time in days

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**Container Information**

| Container ID  | Container Type                        | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|---------------|---------------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327188-07X9 | Tumble Vessel                         | C      | NA         |          | 3.1        | Y    | Absent |                  | -                                                                                                                                                                                                                                                        |
| L2327188-08A  | Glass 60mL/2oz unpreserved            | C      | NA         |          | 3.1        | Y    | Absent |                  | BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),CR-Ti(180),NI-Ti(180),CU-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),MG-Ti(180),FE-Ti(180),HG-T(28),K-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180) |
| L2327188-08B  | Glass 120ml/4oz unpreserved           | C      | NA         |          | 3.1        | Y    | Absent |                  | NYTCL-8270(14),TCN-9010(14),IGNIT-1030(14),REACTS(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365)                                                                                                                           |
| L2327188-08C  | Glass 500ml/16oz unpreserved          | C      | NA         |          | 3.1        | Y    | Absent |                  | NYTCL-8270(14),TCN-9010(14),IGNIT-1030(14),REACTS(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),REACTCN(14),NYTCL-8082(365)                                                                                                                           |
| L2327188-08X  | Plastic 120ml HNO3 preserved Extracts | C      | NA         |          | 3.1        | Y    | Absent |                  | CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)                                                                                                                                                                    |
| L2327188-08X9 | Tumble Vessel                         | C      | NA         |          | 3.1        | Y    | Absent |                  | -                                                                                                                                                                                                                                                        |
| L2327188-09A  | Glass 120ml/4oz unpreserved           | C      | NA         |          | 3.1        | Y    | Absent |                  | PAINTF()                                                                                                                                                                                                                                                 |
| L2327188-10A  | Glass 60mL/2oz unpreserved            | A      | NA         |          | 2.2        | Y    | Absent |                  | PB-Ti(180)                                                                                                                                                                                                                                               |
| L2327188-10B  | Glass 250ml/8oz unpreserved           | A      | NA         |          | 2.2        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-10X  | Plastic 120ml HNO3 preserved Extracts | A      | NA         |          | 2.2        | Y    | Absent |                  | PB-CI(180)                                                                                                                                                                                                                                               |
| L2327188-10X9 | Tumble Vessel                         | A      | NA         |          | 2.2        | Y    | Absent |                  | -                                                                                                                                                                                                                                                        |
| L2327188-11A  | Glass 60mL/2oz unpreserved            | D      | NA         |          | 3.9        | Y    | Absent |                  | PB-Ti(180)                                                                                                                                                                                                                                               |
| L2327188-11B  | Glass 250ml/8oz unpreserved           | D      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-11X  | Plastic 120ml HNO3 preserved Extracts | D      | NA         |          | 3.9        | Y    | Absent |                  | PB-CI(180)                                                                                                                                                                                                                                               |
| L2327188-11X9 | Tumble Vessel                         | D      | NA         |          | 3.9        | Y    | Absent |                  | -                                                                                                                                                                                                                                                        |
| L2327188-12A  | Glass 60mL/2oz unpreserved            | D      | NA         |          | 3.9        | Y    | Absent |                  | PB-Ti(180)                                                                                                                                                                                                                                               |
| L2327188-12B  | Glass 250ml/8oz unpreserved           | D      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-12X  | Plastic 120ml HNO3 preserved Extracts | D      | NA         |          | 3.9        | Y    | Absent |                  | PB-CI(180)                                                                                                                                                                                                                                               |
| L2327188-12X9 | Tumble Vessel                         | D      | NA         |          | 3.9        | Y    | Absent |                  | -                                                                                                                                                                                                                                                        |
| L2327188-13A  | Glass 60mL/2oz unpreserved            | C      | NA         |          | 3.1        | Y    | Absent |                  | PB-Ti(180)                                                                                                                                                                                                                                               |
| L2327188-13B  | Glass 250ml/8oz unpreserved           | C      | NA         |          | 3.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-13X  | Plastic 120ml HNO3 preserved Extracts | C      | NA         |          | 3.1        | Y    | Absent |                  | PB-CI(180)                                                                                                                                                                                                                                               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327188**Project Number:** 0205563**Report Date:** 06/07/23**Container Information**

| <b>Container ID</b> | <b>Container Type</b>              | <b>Cooler</b> | <b>Initial pH</b> | <b>Final pH</b> | <b>Temp deg C</b> | <b>Pres</b> | <b>Seal</b> | <b>Frozen Date/Time</b> | <b>Analysis(*)</b>            |
|---------------------|------------------------------------|---------------|-------------------|-----------------|-------------------|-------------|-------------|-------------------------|-------------------------------|
| L2327188-13X9       | Tumble Vessel                      | C             | NA                |                 | 3.1               | Y           | Absent      |                         | -                             |
| L2327188-14A        | Vial MeOH preserved                | D             | NA                |                 | 3.9               | Y           | Absent      |                         | TPH-GRO(14),NYTCL-8260HLW(14) |
| L2327188-14B        | Vial water preserved               | D             | NA                |                 | 3.9               | Y           | Absent      | 17-MAY-23 06:18         | NYTCL-8260HLW(14)             |
| L2327188-14C        | Vial water preserved               | D             | NA                |                 | 3.9               | Y           | Absent      | 17-MAY-23 06:18         | NYTCL-8260HLW(14)             |
| L2327188-14D        | Vial Large Septa unpreserved (4oz) | D             | NA                |                 | 3.9               | Y           | Absent      |                         | NYTCL-8260HLW(14)             |
| L2327188-14E        | Plastic 120ml unpreserved          | D             | NA                |                 | 3.9               | Y           | Absent      |                         | TS(7)                         |
| L2327188-15A        | Vial MeOH preserved                | D             | NA                |                 | 3.9               | Y           | Absent      |                         | TPH-GRO(14),NYTCL-8260HLW(14) |
| L2327188-15B        | Vial water preserved               | D             | NA                |                 | 3.9               | Y           | Absent      | 17-MAY-23 06:18         | NYTCL-8260HLW(14)             |
| L2327188-15C        | Vial water preserved               | D             | NA                |                 | 3.9               | Y           | Absent      | 17-MAY-23 06:18         | NYTCL-8260HLW(14)             |
| L2327188-15D        | Vial Large Septa unpreserved (4oz) | D             | NA                |                 | 3.9               | Y           | Absent      |                         | NYTCL-8260HLW(14)             |
| L2327188-15E        | Plastic 120ml unpreserved          | D             | NA                |                 | 3.9               | Y           | Absent      |                         | TS(7)                         |
| L2327188-16A        | Vial MeOH preserved                | D             | NA                |                 | 3.9               | Y           | Absent      |                         | TPH-GRO(14),NYTCL-8260HLW(14) |
| L2327188-16B        | Vial water preserved               | D             | NA                |                 | 3.9               | Y           | Absent      | 17-MAY-23 06:18         | NYTCL-8260HLW(14)             |
| L2327188-16C        | Vial water preserved               | D             | NA                |                 | 3.9               | Y           | Absent      | 17-MAY-23 06:18         | NYTCL-8260HLW(14)             |
| L2327188-16D        | Vial Large Septa unpreserved (4oz) | D             | NA                |                 | 3.9               | Y           | Absent      |                         | NYTCL-8260HLW(14)             |
| L2327188-16E        | Plastic 120ml unpreserved          | D             | NA                |                 | 3.9               | Y           | Absent      |                         | TS(7)                         |
| L2327188-17A        | Vial MeOH preserved                | D             | NA                |                 | 3.9               | Y           | Absent      |                         | TPH-GRO(14),NYTCL-8260HLW(14) |
| L2327188-17B        | Vial water preserved               | D             | NA                |                 | 3.9               | Y           | Absent      | 17-MAY-23 06:18         | NYTCL-8260HLW(14)             |
| L2327188-17C        | Vial water preserved               | D             | NA                |                 | 3.9               | Y           | Absent      | 17-MAY-23 06:18         | NYTCL-8260HLW(14)             |
| L2327188-17D        | Vial Large Septa unpreserved (4oz) | D             | NA                |                 | 3.9               | Y           | Absent      |                         | NYTCL-8260HLW(14)             |
| L2327188-17E        | Plastic 120ml unpreserved          | D             | NA                |                 | 3.9               | Y           | Absent      |                         | TS(7)                         |
| L2327188-18A        | Vial MeOH preserved                | A             | NA                |                 | 2.2               | Y           | Absent      |                         | NYTCL-8260HLW(14)             |
| L2327188-18A1       | Vial MeOH preserved                | A             | NA                |                 | 2.2               | Y           | Absent      |                         | NYTCL-8260HLW(14)             |
| L2327188-18A2       | Vial MeOH preserved                | A             | NA                |                 | 2.2               | Y           | Absent      |                         | NYTCL-8260HLW(14)             |
| L2327188-18B        | Vial water preserved               | A             | NA                |                 | 2.2               | Y           | Absent      | 17-MAY-23 06:18         | NYTCL-8260HLW(14)             |
| L2327188-18B1       | Vial water preserved               | A             | NA                |                 | 2.2               | Y           | Absent      | 17-MAY-23 06:18         | NYTCL-8260HLW(14)             |
| L2327188-18B2       | Vial water preserved               | A             | NA                |                 | 2.2               | Y           | Absent      | 17-MAY-23 06:18         | NYTCL-8260HLW(14)             |
| L2327188-18C        | Vial water preserved               | A             | NA                |                 | 2.2               | Y           | Absent      | 17-MAY-23 06:18         | NYTCL-8260HLW(14)             |

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**Container Information**

| Container ID  | Container Type                 | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|---------------|--------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327188-18C1 | Vial water preserved           | A      | NA         |          | 2.2        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-18C2 | Vial water preserved           | A      | NA         |          | 2.2        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-18D  | Glass 60mL/2oz unpreserved     | A      | NA         |          | 2.2        | Y    | Absent |                  | BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),NI-Ti(180),CR-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180) |
| L2327188-18D1 | Glass 60mL/2oz unpreserved     | A      | NA         |          | 2.2        | Y    | Absent |                  | BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),NI-Ti(180),CR-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180) |
| L2327188-18D2 | Glass 60mL/2oz unpreserved     | A      | NA         |          | 2.2        | Y    | Absent |                  | BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),NI-Ti(180),CR-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),NA-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180) |
| L2327188-18E  | Plastic 120ml unpreserved      | A      | NA         |          | 2.2        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-18E1 | Plastic 120ml unpreserved      | A      | NA         |          | 2.2        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-18E2 | Plastic 120ml unpreserved      | A      | NA         |          | 2.2        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-18F  | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-18F1 | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-18F2 | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-18G  | Glass 250ml/8oz unpreserved    | A      | NA         |          | 2.2        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327188-18G1 | Glass 250ml/8oz unpreserved    | A      | NA         |          | 2.2        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327188-18G2 | Glass 250ml/8oz unpreserved    | A      | NA         |          | 2.2        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327188-18H  | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-18H1 | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-18H2 | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-19A  | Vial MeOH preserved            | A      | NA         |          | 2.2        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-19B  | Vial water preserved           | A      | NA         |          | 2.2        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-19C  | Vial water preserved           | A      | NA         |          | 2.2        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |

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**Container Information**

| Container ID | Container Type                 | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|--------------|--------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327188-19D | Glass 60mL/2oz unpreserved     | A      | NA         |          | 2.2        | Y    | Absent |                  | BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),ZN-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),HG-T(28),FE-Ti(180),MN-Ti(180),K-Ti(180),CA-Ti(180),NA-Ti(180),CD-Ti(180) |
| L2327188-19E | Plastic 120ml unpreserved      | A      | NA         |          | 2.2        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-19F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-19G | Glass 250ml/8oz unpreserved    | A      | NA         |          | 2.2        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327188-19H | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-20A | Vial MeOH preserved            | A      | NA         |          | 2.2        | Y    | Absent |                  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-20B | Vial water preserved           | A      | NA         |          | 2.2        | Y    | Absent | 17-MAY-23 06:18  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-20C | Vial water preserved           | A      | NA         |          | 2.2        | Y    | Absent | 17-MAY-23 06:18  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-20D | Glass 60mL/2oz unpreserved     | A      | NA         |          | 2.2        | Y    | Absent |                  | HOLD-METAL(180)                                                                                                                                                                                                                                          |
| L2327188-20E | Plastic 120ml unpreserved      | A      | NA         |          | 2.2        | Y    | Absent |                  | HOLD-WETCHEM()                                                                                                                                                                                                                                           |
| L2327188-20F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-WETCHEM()                                                                                                                                                                                                                                           |
| L2327188-20G | Glass 250ml/8oz unpreserved    | A      | NA         |          | 2.2        | Y    | Absent |                  | HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)                                                                                                                                                                                                                |
| L2327188-20H | Plastic 8oz unpreserved        | B      | N/A        | N/A      | 3.9        | Y    | Absent |                  | HOLD-537(14)                                                                                                                                                                                                                                             |
| L2327188-21A | Vial MeOH preserved            | A      | NA         |          | 2.2        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-21B | Vial water preserved           | A      | NA         |          | 2.2        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-21C | Vial water preserved           | A      | NA         |          | 2.2        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-21D | Glass 60mL/2oz unpreserved     | A      | NA         |          | 2.2        | Y    | Absent |                  | BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),TL-Ti(180),NI-Ti(180),AL-Ti(180),ZN-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),MG-Ti(180),HG-T(28),FE-Ti(180),MN-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180) |
| L2327188-21E | Plastic 120ml unpreserved      | A      | NA         |          | 2.2        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-21F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-21G | Glass 250ml/8oz unpreserved    | A      | NA         |          | 2.2        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327188-21H | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-22A | Vial MeOH preserved            | A      | NA         |          | 2.2        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Serial\_No:** 06072310:21  
**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Container Information**

| Container ID | Container Type                 | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|--------------|--------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327188-22B | Vial water preserved           | A      | NA         |          | 2.2        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-22C | Vial water preserved           | A      | NA         |          | 2.2        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-22D | Glass 60mL/2oz unpreserved     | A      | NA         |          | 2.2        | Y    | Absent |                  | BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),ZN-Ti(180),PB-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),FE-Ti(180),MG-Ti(180),MN-Ti(180),HG-T(28),K-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180) |
| L2327188-22E | Plastic 120ml unpreserved      | A      | NA         |          | 2.2        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-22F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-22G | Glass 250ml/8oz unpreserved    | A      | NA         |          | 2.2        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327188-22H | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-23A | Vial MeOH preserved            | A      | NA         |          | 2.2        | Y    | Absent |                  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-23B | Vial water preserved           | A      | NA         |          | 2.2        | Y    | Absent | 17-MAY-23 06:18  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-23C | Vial water preserved           | A      | NA         |          | 2.2        | Y    | Absent | 17-MAY-23 06:18  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-23D | Glass 60mL/2oz unpreserved     | A      | NA         |          | 2.2        | Y    | Absent |                  | HOLD-METAL(180)                                                                                                                                                                                                                                          |
| L2327188-23E | Plastic 120ml unpreserved      | A      | NA         |          | 2.2        | Y    | Absent |                  | HOLD-WETCHEM()                                                                                                                                                                                                                                           |
| L2327188-23F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-WETCHEM()                                                                                                                                                                                                                                           |
| L2327188-23G | Glass 250ml/8oz unpreserved    | A      | NA         |          | 2.2        | Y    | Absent |                  | HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)                                                                                                                                                                                                                |
| L2327188-23H | Plastic 8oz unpreserved        | B      | N/A        | N/A      | 3.9        | Y    | Absent |                  | HOLD-537(14)                                                                                                                                                                                                                                             |
| L2327188-24A | Vial MeOH preserved            | D      | NA         |          | 3.9        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-24B | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-24C | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-24D | Glass 60mL/2oz unpreserved     | D      | NA         |          | 3.9        | Y    | Absent |                  | BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),TL-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),SB-Ti(180),SE-Ti(180),CU-Ti(180),PB-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),CA-Ti(180),K-Ti(180),CD-Ti(180),NA-Ti(180) |
| L2327188-24E | Plastic 120ml unpreserved      | D      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-24F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-24G | Glass 250ml/8oz unpreserved    | D      | NA         |          | 3.9        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |

\*Values in parentheses indicate holding time in days

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Serial\_No:**06072310:21  
**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Container Information**

| Container ID | Container Type                 | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|--------------|--------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327188-24H | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-25A | Vial MeOH preserved            | D      | NA         |          | 3.9        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-25B | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-25C | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-25D | Glass 60mL/2oz unpreserved     | D      | NA         |          | 3.9        | Y    | Absent |                  | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180) |
| L2327188-25E | Plastic 120ml unpreserved      | D      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-25F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-25G | Glass 250ml/8oz unpreserved    | D      | NA         |          | 3.9        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327188-25H | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-26A | Vial MeOH preserved            | D      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-26B | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-26C | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-26D | Glass 60mL/2oz unpreserved     | D      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-METAL(180)                                                                                                                                                                                                                                          |
| L2327188-26E | Plastic 120ml unpreserved      | D      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-WETCHEM()                                                                                                                                                                                                                                           |
| L2327188-26F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-WETCHEM()                                                                                                                                                                                                                                           |
| L2327188-26G | Glass 250ml/8oz unpreserved    | D      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)                                                                                                                                                                                                                |
| L2327188-26H | Plastic 8oz unpreserved        | B      | N/A        | N/A      | 3.9        | Y    | Absent |                  | HOLD-537(14)                                                                                                                                                                                                                                             |
| L2327188-27A | Vial MeOH preserved split      | D      | NA         |          | 3.9        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-27B | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-27C | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-27D | Glass 60mL/2oz unpreserved     | D      | NA         |          | 3.9        | Y    | Absent |                  | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180) |
| L2327188-27E | Plastic 120ml unpreserved      | D      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-27F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Serial\_No:**06072310:21  
**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Container Information**

| Container ID | Container Type                 | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|--------------|--------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327188-27G | Glass 250ml/8oz unpreserved    | D      | NA         |          | 3.9        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8260HLW(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                          |
| L2327188-27H | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-27X | Vial MeOH preserved            | D      | NA         |          | 3.9        | Y    | Absent |                  | ARCHIVE()                                                                                                                                                                                                                                                |
| L2327188-28A | Vial MeOH preserved            | D      | NA         |          | 3.9        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-28B | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-28C | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-28D | Glass 60mL/2oz unpreserved     | D      | NA         |          | 3.9        | Y    | Absent |                  | BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),NI-Ti(180),AL-Ti(180),CR-Ti(180),TL-Ti(180),CU-Ti(180),ZN-Ti(180),SB-Ti(180),SE-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),K-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180) |
| L2327188-28E | Plastic 120ml unpreserved      | D      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-28F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-28G | Glass 250ml/8oz unpreserved    | D      | NA         |          | 3.9        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327188-28H | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-29A | Vial MeOH preserved            | D      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-29B | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-29C | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-29D | Glass 60mL/2oz unpreserved     | D      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-METAL(180)                                                                                                                                                                                                                                          |
| L2327188-29E | Plastic 120ml unpreserved      | D      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-WETCHEM()                                                                                                                                                                                                                                           |
| L2327188-29F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-WETCHEM()                                                                                                                                                                                                                                           |
| L2327188-29G | Glass 250ml/8oz unpreserved    | D      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-8270(14),HOLD-8082(14)                                                                                                                                                                                                                              |
| L2327188-29H | Plastic 8oz unpreserved        | B      | N/A        | N/A      | 3.9        | Y    | Absent |                  | HOLD-537(14)                                                                                                                                                                                                                                             |
| L2327188-30A | Vial MeOH preserved            | D      | NA         |          | 3.9        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-30B | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-30C | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Serial\_No:**06072310:21  
**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Container Information**

| Container ID | Container Type                 | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|--------------|--------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327188-30D | Glass 60mL/2oz unpreserved     | D      | NA         |          | 3.9        | Y    | Absent |                  | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180) |
| L2327188-30E | Plastic 120ml unpreserved      | D      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-30F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-30G | Glass 250ml/8oz unpreserved    | D      | NA         |          | 3.9        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327188-30H | Plastic 8oz unpreserved        | D      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-31A | Vial MeOH preserved            | D      | NA         |          | 3.9        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-31B | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-31C | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-31D | Glass 60mL/2oz unpreserved     | D      | NA         |          | 3.9        | Y    | Absent |                  | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180) |
| L2327188-31E | Plastic 120ml unpreserved      | D      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-31F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-31G | Glass 250ml/8oz unpreserved    | D      | NA         |          | 3.9        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327188-31H | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-32A | Vial MeOH preserved            | D      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-32B | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-32C | Vial water preserved           | D      | NA         |          | 3.9        | Y    | Absent | 17-MAY-23 06:18  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-32D | Glass 60mL/2oz unpreserved     | D      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-METAL(180)                                                                                                                                                                                                                                          |
| L2327188-32E | Plastic 120ml unpreserved      | D      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-WETCHEM()                                                                                                                                                                                                                                           |
| L2327188-32F | Plastic 2oz unpreserved for TS | D      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-WETCHEM()                                                                                                                                                                                                                                           |
| L2327188-32G | Glass 250ml/8oz unpreserved    | D      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)                                                                                                                                                                                                                |
| L2327188-32H | Plastic 8oz unpreserved        | B      | N/A        | N/A      | 3.9        | Y    | Absent |                  | HOLD-537(14)                                                                                                                                                                                                                                             |
| L2327188-33A | Vial MeOH preserved            | C      | NA         |          | 3.1        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Serial\_No:** 06072310:21  
**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Container Information**

| Container ID | Container Type                 | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|--------------|--------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327188-33B | Vial water preserved           | C      | NA         |          | 3.1        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-33C | Vial water preserved           | C      | NA         |          | 3.1        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-33D | Glass 60mL/2oz unpreserved     | C      | NA         |          | 3.1        | Y    | Absent |                  | BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),SE-Ti(180),ZN-Ti(180),SB-Ti(180),PB-Ti(180),CU-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180) |
| L2327188-33E | Plastic 120ml unpreserved      | C      | NA         |          | 3.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-33F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-33G | Glass 250ml/8oz unpreserved    | C      | NA         |          | 3.1        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327188-33H | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-34A | Vial MeOH preserved split      | C      | NA         |          | 3.1        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-34B | Vial water preserved           | C      | NA         |          | 3.1        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-34C | Vial water preserved           | C      | NA         |          | 3.1        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-34D | Glass 60mL/2oz unpreserved     | C      | NA         |          | 3.1        | Y    | Absent |                  | BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),ZN-Ti(180),CU-Ti(180),SB-Ti(180),SE-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),FE-Ti(180),CD-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180) |
| L2327188-34E | Plastic 120ml unpreserved      | C      | NA         |          | 3.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-34F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-34G | Glass 250ml/8oz unpreserved    | C      | NA         |          | 3.1        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8260HLW(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                          |
| L2327188-34H | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-34X | Vial MeOH preserved            | C      | NA         |          | 3.1        | Y    | Absent |                  | ARCHIVE()                                                                                                                                                                                                                                                |
| L2327188-35A | Vial MeOH preserved            | C      | NA         |          | 3.1        | Y    | Absent |                  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-35B | Vial water preserved           | C      | NA         |          | 3.1        | Y    | Absent | 17-MAY-23 06:18  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-35C | Vial water preserved           | C      | NA         |          | 3.1        | Y    | Absent | 17-MAY-23 06:18  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-35D | Glass 60mL/2oz unpreserved     | C      | NA         |          | 3.1        | Y    | Absent |                  | HOLD-METAL(180)                                                                                                                                                                                                                                          |
| L2327188-35E | Plastic 120ml unpreserved      | C      | NA         |          | 3.1        | Y    | Absent |                  | HOLD-WETCHEM()                                                                                                                                                                                                                                           |
| L2327188-35F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-WETCHEM()                                                                                                                                                                                                                                           |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Serial\_No:**06072310:21  
**Lab Number:** L2327188  
**Report Date:** 06/07/23

**Container Information**

| Container ID | Container Type                 | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|--------------|--------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327188-35G | Glass 250ml/8oz unpreserved    | C      | NA         |          | 3.1        | Y    | Absent |                  | HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)                                                                                                                                                                                                                |
| L2327188-35H | Plastic 8oz unpreserved        | B      | N/A        | N/A      | 3.9        | Y    | Absent |                  | HOLD-537(14)                                                                                                                                                                                                                                             |
| L2327188-36A | Vial MeOH preserved            | C      | NA         |          | 3.1        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-36B | Vial water preserved           | C      | NA         |          | 3.1        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-36C | Vial water preserved           | C      | NA         |          | 3.1        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-36D | Glass 60mL/2oz unpreserved     | C      | NA         |          | 3.1        | Y    | Absent |                  | BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),TL-Ti(180),ZN-Ti(180),SE-Ti(180),CU-Ti(180),SB-Ti(180),PB-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MN-Ti(180),FE-Ti(180),MG-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180),K-Ti(180) |
| L2327188-36E | Plastic 120ml unpreserved      | C      | NA         |          | 3.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-36F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-36G | Glass 250ml/8oz unpreserved    | C      | NA         |          | 3.1        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327188-36H | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-37A | Vial MeOH preserved            | C      | NA         |          | 3.1        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-37B | Vial water preserved           | C      | NA         |          | 3.1        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-37C | Vial water preserved           | C      | NA         |          | 3.1        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-37D | Glass 60mL/2oz unpreserved     | C      | NA         |          | 3.1        | Y    | Absent |                  | BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),CR-Ti(180),NI-Ti(180),TL-Ti(180),SE-Ti(180),ZN-Ti(180),CU-Ti(180),PB-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),FE-Ti(180),MG-Ti(180),MN-Ti(180),K-Ti(180),CD-Ti(180),NA-Ti(180),CA-Ti(180) |
| L2327188-37E | Plastic 120ml unpreserved      | C      | NA         |          | 3.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-37F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-37G | Glass 250ml/8oz unpreserved    | C      | NA         |          | 3.1        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327188-37H | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-38A | Vial MeOH preserved            | C      | NA         |          | 3.1        | Y    | Absent |                  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-38B | Vial water preserved           | C      | NA         |          | 3.1        | Y    | Absent | 17-MAY-23 06:18  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-38C | Vial water preserved           | C      | NA         |          | 3.1        | Y    | Absent | 17-MAY-23 06:18  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327188-38D | Glass 60mL/2oz unpreserved     | C      | NA         |          | 3.1        | Y    | Absent |                  | HOLD-METAL(180)                                                                                                                                                                                                                                          |

**Project Name:** 828 METROPOLITAN  
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Serial\_No:06072310:21  
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### Container Information

| Container ID | Container Type                 | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|--------------|--------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327188-38E | Plastic 120ml unpreserved      | C      | NA         |          | 3.1        | Y    | Absent |                  | HOLD-WETCHEM()                                                                                                                                                                                                                                           |
| L2327188-38F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | HOLD-WETCHEM()                                                                                                                                                                                                                                           |
| L2327188-38G | Glass 250ml/8oz unpreserved    | C      | NA         |          | 3.1        | Y    | Absent |                  | HOLD-8270(14),HOLD-8081(14),HOLD-8082(14)                                                                                                                                                                                                                |
| L2327188-38H | Plastic 8oz unpreserved        | B      | N/A        | N/A      | 3.9        | Y    | Absent |                  | HOLD-537(14)                                                                                                                                                                                                                                             |
| L2327188-39A | Vial MeOH preserved            | A      | NA         |          | 2.2        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-39B | Vial water preserved           | A      | NA         |          | 2.2        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-39C | Vial water preserved           | A      | NA         |          | 2.2        | Y    | Absent | 17-MAY-23 06:18  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327188-39D | Glass 60mL/2oz unpreserved     | A      | NA         |          | 2.2        | Y    | Absent |                  | BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),NI-Ti(180),CR-Ti(180),TL-Ti(180),AL-Ti(180),SB-Ti(180),ZN-Ti(180),PB-Ti(180),CU-Ti(180),SE-Ti(180),CO-Ti(180),V-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),FE-Ti(180),NA-Ti(180),CA-Ti(180),CD-Ti(180),K-Ti(180) |
| L2327188-39E | Plastic 120ml unpreserved      | A      | NA         |          | 2.2        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-39F | Plastic 2oz unpreserved for TS | B      | NA         |          | 3.9        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327188-39G | Glass 250ml/8oz unpreserved    | A      | NA         |          | 2.2        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327188-39H | Plastic 8oz unpreserved        | B      | NA         |          | 3.9        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327188-40A | Vial HCl preserved             | D      | NA         |          | 3.9        | Y    | Absent |                  | NYTCL-8260(14)                                                                                                                                                                                                                                           |
| L2327188-40B | Vial HCl preserved             | D      | NA         |          | 3.9        | Y    | Absent |                  | NYTCL-8260(14)                                                                                                                                                                                                                                           |

### Container Comments

L2327188-27X DRY METHANOL  
L2327188-34X DRY METHANOL

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

Serial\_No:06072310:21  
**Lab Number:** L2327188  
**Report Date:** 06/07/23

### PFAS PARAMETER SUMMARY

| Parameter                                                               | Acronym      | CAS Number  |
|-------------------------------------------------------------------------|--------------|-------------|
| PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)                                 |              |             |
| Perfluorooctadecanoic Acid                                              | PFODA        | 16517-11-6  |
| Perfluorohexadecanoic Acid                                              | PFHxDA       | 67905-19-5  |
| Perfluorotetradecanoic Acid                                             | PFTA/PFTeDA  | 376-06-7    |
| Perfluorotridecanoic Acid                                               | PFTrDA       | 72629-94-8  |
| Perfluorododecanoic Acid                                                | PFDoA        | 307-55-1    |
| Perfluoroundecanoic Acid                                                | PFUnA        | 2058-94-8   |
| Perfluorodecanoic Acid                                                  | PFDA         | 335-76-2    |
| Perfluorononanoic Acid                                                  | PFNA         | 375-95-1    |
| Perfluorooctanoic Acid                                                  | PFOA         | 335-67-1    |
| Perfluoroheptanoic Acid                                                 | PFHpA        | 375-85-9    |
| Perfluorohexanoic Acid                                                  | PFHxA        | 307-24-4    |
| Perfluoropentanoic Acid                                                 | PFPeA        | 2706-90-3   |
| Perfluorobutanoic Acid                                                  | PFBA         | 375-22-4    |
| PERFLUOROALKYL SULFONIC ACIDS (PFSAs)                                   |              |             |
| Perfluorododecanesulfonic Acid                                          | PFDoDS/PFDoS | 79780-39-5  |
| Perfluorodecanesulfonic Acid                                            | PFDS         | 335-77-3    |
| Perfluorononanesulfonic Acid                                            | PFNS         | 68259-12-1  |
| Perfluorooctanesulfonic Acid                                            | PFOS         | 1763-23-1   |
| Perfluoroheptanesulfonic Acid                                           | PFHpS        | 375-92-8    |
| Perfluorohexanesulfonic Acid                                            | PFHxS        | 355-46-4    |
| Perfluoropentanesulfonic Acid                                           | PFPeS        | 2706-91-4   |
| Perfluorobutanesulfonic Acid                                            | PFBS         | 375-73-5    |
| Perfluoropropanesulfonic Acid                                           | PFPrS        | 423-41-6    |
| FLUOROTELOMERS                                                          |              |             |
| 1H,1H,2H,2H-Perfluorododecanesulfonic Acid                              | 10:2FTS      | 120226-60-0 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid                                | 8:2FTS       | 39108-34-4  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid                                | 6:2FTS       | 27619-97-2  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic Acid                                | 4:2FTS       | 757124-72-4 |
| PERFLUOROALKANE SULFONAMIDES (FASAs)                                    |              |             |
| Perfluorooctanesulfonamide                                              | FOSA/PFOSA   | 754-91-6    |
| N-Ethyl Perfluorooctane Sulfonamide                                     | NEtFOSA      | 4151-50-2   |
| N-Methyl Perfluorooctane Sulfonamide                                    | NMeFOSA      | 31506-32-8  |
| PERFLUOROALKANE SULFONYL SUBSTANCES                                     |              |             |
| N-Ethyl Perfluorooctanesulfonamido Ethanol                              | NEtFOSE      | 1691-99-2   |
| N-Methyl Perfluorooctanesulfonamido Ethanol                             | NMeFOSE      | 24448-09-7  |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid                           | NEtFOSAA     | 2991-50-6   |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid                          | NMeFOSAA     | 2355-31-9   |
| PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS                         |              |             |
| 2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid | HFPO-DA      | 13252-13-6  |
| 4,8-Dioxa-3h-Perfluorononanoic Acid                                     | ADONA        | 919005-14-4 |
| CHLORO-PERFLUOROALKYL SULFONIC ACIDS                                    |              |             |
| 11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid                     | 11Cl-PF3OUdS | 763051-92-9 |
| 9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid                        | 9Cl-PF3ONS   | 756426-58-1 |
| PERFLUOROETHER SULFONIC ACIDS (PFESAs)                                  |              |             |
| Perfluoro(2-Ethoxyethane)Sulfonic Acid                                  | PFEESA       | 113507-82-7 |
| PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)                      |              |             |
| Perfluoro-3-Methoxypropanoic Acid                                       | PFMPA        | 377-73-1    |
| Perfluoro-4-Methoxybutanoic Acid                                        | PFMBA        | 863090-89-5 |
| Nonafluoro-3,6-Dioxaheptanoic Acid                                      | NFDHA        | 151772-58-6 |

**Project Name:** 828 METROPOLITAN  
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### PFAS PARAMETER SUMMARY

| Parameter                              | Acronym | CAS Number  |
|----------------------------------------|---------|-------------|
| FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs) |         |             |
| 3-Perfluoroheptyl Propanoic Acid       | 7:3FTCA | 812-70-4    |
| 2H,2H,3H,3H-Perfluorooctanoic Acid     | 5:3FTCA | 914637-49-3 |
| 3-Perfluoropropyl Propanoic Acid       | 3:3FTCA | 356-02-5    |

**Project Name:** 828 METROPOLITAN  
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**Lab Number:** L2327188  
**Report Date:** 06/07/23

## GLOSSARY

### Acronyms

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DL       | - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)                                                                                               |
| EDL      | - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).                        |
| EMPC     | - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.                                                                                                                                                              |
| EPA      | - Environmental Protection Agency.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LCS      | - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.                                                                                                                                                                                                                                                         |
| LCSD     | - Laboratory Control Sample Duplicate: Refer to LCS.                                                                                                                                                                                                                                                                                                                                                                                                      |
| LFB      | - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.                                                                                                                                                                                                                                                        |
| LOD      | - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)                                                                                                                                              |
| LOQ      | - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)                                                                                                                                                                                                |
|          | Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)                                                                                                                                                                                                  |
| MDL      | - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.                                                                                                                         |
| MS       | - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.                                                                                                                                   |
| MSD      | - Matrix Spike Sample Duplicate: Refer to MS.                                                                                                                                                                                                                                                                                                                                                                                                             |
| NA       | - Not Applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NC       | - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.                                                                                                                                                                                                                                                                                                          |
| NDPA/DPA | - N-Nitrosodiphenylamine/Diphenylamine.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NI       | - Not Ignitable.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NP       | - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.                                                                                                                                                                                                                                                                                                                                                                             |
| NR       | - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.                                                                                                                                                                                                                                                                                                   |
| RL       | - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.                                                                                                                                                                                                                                  |
| RPD      | - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report. |
| SRM      | - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.                                                                                                                                                                                                                                                                                                    |
| STLP     | - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.                                                                                                                                                                                                                                                                                                                                                                                               |
| TEF      | - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.                                                                                                                                                                                                                                                                                                                            |
| TEQ      | - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.                                                                                                                                                                                                                                                                                       |
| TIC      | - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.                                                                                                                                                                                                     |

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### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

**Chlordane:** The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

**Difference:** With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

**Final pH:** As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

**Frozen Date/Time:** With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

**Gasoline Range Organics (GRO):** Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

**Initial pH:** As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

**PAH Total:** With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

**PFAS Total:** With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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#### **Data Qualifiers**

Identified Compounds (TICs).

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.
- 144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.





## Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene

**EPA 625/625.1:** alpha-Terpineol

**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.

### Mansfield Facility

**SM 2540D:** TSS

**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

#### Drinking Water

**EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

**EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

**EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

#### Non-Potable Water

**SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

**EPA 624.1:** Volatile Halocarbons & Aromatics,

**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

### Mansfield Facility:

#### Drinking Water

**EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

**EPA 522, EPA 537.1.**

#### Non-Potable Water

**EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

**EPA 245.1 Hg.**

**SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

|  <b>NEW YORK CHAIN OF CUSTODY</b><br>Westborough, MA 01581<br>8 Walkup Dr.<br>TEL: 508-898-9220<br>FAX: 508-898-9193<br>Mansfield, MA 02048<br>320 Forbes Blvd<br>TEL: 508-822-9300<br>FAX: 508-822-3288 |                 | <b>Service Centers</b><br>Mahwah, NJ 07430: 35 Whitney Rd, Suite 5<br>Albany, NY 12205: 14 Walker Way<br>Tonawanda, NY 14150: 275 Cooper Ave, Suite 105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      | Page<br>1 of 5                                                                                                                                                                                                                                  |           | Date Rec'd in Lab<br>5/17/23                                                                  |                    | ALPHA Job #<br>L2327188                                   |                    |       |            |            |      |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
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|                                                                                                                                                                                                                                                                                          |                 | <b>Project Information</b><br>Project Name: 828 Metropolitan<br>Project Location: 828 Metropolitan<br>Project # 0205563<br>(Use Project name as Project #) <input type="checkbox"/><br>Project Manager: Suzanne Bell<br>ALPHAQuote #:<br>Turn-Around Time<br>Standard <input checked="" type="checkbox"/> Due Date:<br>Rush (only if pre approved) <input type="checkbox"/> # of Days:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | <b>Deliverables</b><br><input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B<br><input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)<br><input type="checkbox"/> Other                            |           | <b>Billing Information</b><br><input checked="" type="checkbox"/> Same as Client Info<br>PO # |                    |                                                           |                    |       |            |            |      |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
| <b>Client Information</b><br>Client: Haley & Aldrich<br>Address: 237 W 35th St<br>New York, NY<br>Phone: (480) 261-0004<br>Fax:<br>Email: sbell@haleyaldrich.com                                                                                                                         |                 | <b>Regulatory Requirement</b><br><input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375<br><input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51<br><input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other<br><input checked="" type="checkbox"/> NY Unrestricted Use<br><input type="checkbox"/> NYC Sewer Discharge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | <b>Disposal Site Information</b><br>Please identify below location of applicable disposal facilities.<br>Disposal Facility:<br><input checked="" type="checkbox"/> NJ <input checked="" type="checkbox"/> NY<br><input type="checkbox"/> Other: |           |                                                                                               |                    |                                                           |                    |       |            |            |      |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
| These samples have been previously analyzed by Alpha <input type="checkbox"/><br>Other project specific requirements/comments:                                                                                                                                                           |                 | <b>ANALYSIS</b><br>SVOCs<br>Pesticides<br>Herbicides<br>PCBs<br>TAL Metals<br>TCLP Metals<br>PCRA Characteristics<br>Parent Filter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      | <b>Sample Filtration</b><br><input type="checkbox"/> Done<br><input type="checkbox"/> Lab to do<br>Preservation<br><input type="checkbox"/> Lab to do<br>(Please Specify below)                                                                 |           |                                                                                               |                    |                                                           |                    |       |            |            |      |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
| Please specify Metals or TAL. TAL metals include total cyanide.                                                                                                                                                                                                                          |                 | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID<br/>(Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">SVOCs</th> <th rowspan="2">Pesticides</th> <th rowspan="2">Herbicides</th> <th rowspan="2">PCBs</th> <th rowspan="2">TAL Metals</th> <th rowspan="2">TCLP Metals</th> <th rowspan="2">PCRA Characteristics</th> <th rowspan="2">Parent Filter</th> <th rowspan="2">Sample Specific Comments</th> <th rowspan="2">Total Bottles</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>27188-01</td> <td>WC-A-COMP-0-4</td> <td>5/16/23</td> <td>1015</td> <td>S</td> <td>MC</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>02</td> <td>WC-A-COMP-4-8</td> <td></td> <td>1020</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>03</td> <td>WC-A-COMP-8-12</td> <td></td> <td>1025</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>04</td> <td>WC-A-COMP-12-16</td> <td></td> <td>1030</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>05</td> <td>WC-B-COMP-0-4</td> <td></td> <td>1420</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>06</td> <td>WC-B-COMP-4-8</td> <td></td> <td>1425</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>07</td> <td>WC-B-COMP-8-12</td> <td></td> <td>1430</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>08</td> <td>WC-B-COMP-12-16</td> <td></td> <td>1435</td> <td></td> <td></td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>09</td> <td>WC-A-COMP-12-16</td> <td></td> <td>1035</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td></td> </tr> </tbody> </table> |      | ALPHA Lab ID<br>(Lab Use Only)                                                                                                                                                                                                                  | Sample ID | Collection                                                                                    |                    | Sample Matrix                                             | Sampler's Initials | SVOCs | Pesticides | Herbicides | PCBs | TAL Metals | TCLP Metals | PCRA Characteristics | Parent Filter | Sample Specific Comments | Total Bottles | Date  | Time       | 27188-01   | WC-A-COMP-0-4 | 5/16/23    | 1015        | S                    | MC            | X                        | X             | X | X | X | X | X |  |  |  | 02 | WC-A-COMP-4-8 |  | 1020 |  |  | X | X | X | X | X | X | X |  |  |  | 03 | WC-A-COMP-8-12 |  | 1025 |  |  | X | X | X | X | X | X | X |  |  |  | 04 | WC-A-COMP-12-16 |  | 1030 |  |  | X | X | X | X | X | X | X |  |  |  | 05 | WC-B-COMP-0-4 |  | 1420 |  |  | X | X | X | X | X | X | X |  |  |  | 06 | WC-B-COMP-4-8 |  | 1425 |  |  | X | X | X | X | X | X | X |  |  |  | 07 | WC-B-COMP-8-12 |  | 1430 |  |  | X | X | X | X | X | X | X |  |  |  | 08 | WC-B-COMP-12-16 |  | 1435 |  |  | X | X | X | X | X | X | X |  |  |  | 09 | WC-A-COMP-12-16 |  | 1035 |  |  |  |  |  |  |  |  |  | X |  |  | Preservative Code:<br>A = None<br>B = HCl<br>C = HNO <sub>3</sub><br>D = H <sub>2</sub> SO <sub>4</sub><br>E = NaOH<br>F = MeOH<br>G = NaHSO <sub>4</sub><br>H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub><br>K/E = Zn Ac/NaOH<br>O = Other<br>Container Code<br>P = Plastic<br>A = Amber Glass<br>V = Vial<br>G = Glass<br>B = Bacteria Cup<br>C = Cube<br>O = Other<br>E = Encore<br>D = BOD Bottle<br>Westboro: Certification No: MA935<br>Mansfield: Certification No: MA015<br>Container Type<br>Preservative |  | Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.) |  |
| ALPHA Lab ID<br>(Lab Use Only)                                                                                                                                                                                                                                                           | Sample ID       | Collection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                                                                                                                                                                                                                 |           | Sample Matrix                                                                                 | Sampler's Initials |                                                           |                    |       |            |            |      |            |             |                      |               |                          |               | SVOCs | Pesticides | Herbicides | PCBs          | TAL Metals | TCLP Metals | PCRA Characteristics | Parent Filter | Sample Specific Comments | Total Bottles |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
|                                                                                                                                                                                                                                                                                          |                 | Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Time |                                                                                                                                                                                                                                                 |           |                                                                                               |                    |                                                           |                    |       |            |            |      |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
| 27188-01                                                                                                                                                                                                                                                                                 | WC-A-COMP-0-4   | 5/16/23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1015 | S                                                                                                                                                                                                                                               | MC        | X                                                                                             | X                  | X                                                         | X                  | X     | X          | X          |      |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
| 02                                                                                                                                                                                                                                                                                       | WC-A-COMP-4-8   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1020 |                                                                                                                                                                                                                                                 |           | X                                                                                             | X                  | X                                                         | X                  | X     | X          | X          |      |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
| 03                                                                                                                                                                                                                                                                                       | WC-A-COMP-8-12  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1025 |                                                                                                                                                                                                                                                 |           | X                                                                                             | X                  | X                                                         | X                  | X     | X          | X          |      |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
| 04                                                                                                                                                                                                                                                                                       | WC-A-COMP-12-16 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1030 |                                                                                                                                                                                                                                                 |           | X                                                                                             | X                  | X                                                         | X                  | X     | X          | X          |      |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
| 05                                                                                                                                                                                                                                                                                       | WC-B-COMP-0-4   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1420 |                                                                                                                                                                                                                                                 |           | X                                                                                             | X                  | X                                                         | X                  | X     | X          | X          |      |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
| 06                                                                                                                                                                                                                                                                                       | WC-B-COMP-4-8   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1425 |                                                                                                                                                                                                                                                 |           | X                                                                                             | X                  | X                                                         | X                  | X     | X          | X          |      |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
| 07                                                                                                                                                                                                                                                                                       | WC-B-COMP-8-12  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1430 |                                                                                                                                                                                                                                                 |           | X                                                                                             | X                  | X                                                         | X                  | X     | X          | X          |      |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
| 08                                                                                                                                                                                                                                                                                       | WC-B-COMP-12-16 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1435 |                                                                                                                                                                                                                                                 |           | X                                                                                             | X                  | X                                                         | X                  | X     | X          | X          |      |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
| 09                                                                                                                                                                                                                                                                                       | WC-A-COMP-12-16 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1035 |                                                                                                                                                                                                                                                 |           |                                                                                               |                    |                                                           |                    |       |            |            | X    |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |
| Form No: 01-25 HC (rev. 30-Sept-2013)                                                                                                                                                                                                                                                    |                 | Relinquished By:<br>Matthew Cal<br>MPA/ALPHA<br>Paul Maggella<br>5/17/23 0220                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | Date/Time<br>5/16/23 1645<br>5/16/23 1415<br>5/16/23 0030<br>5/17/23 0220                                                                                                                                                                       |           | Received By:<br>MPA/ALPHA<br>Paul Maggella<br>5/16/23 1614<br>5/16/23 2018<br>5/17/23 0220    |                    | Date/Time<br>5/16/23 1614<br>5/16/23 2018<br>5/17/23 0220 |                    |       |            |            |      |            |             |                      |               |                          |               |       |            |            |               |            |             |                      |               |                          |               |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |               |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |   |   |   |   |   |   |   |  |  |  |    |                 |  |      |  |  |  |  |  |  |  |  |  |   |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                              |  |



|  <b>NEW YORK CHAIN OF CUSTODY</b><br>Westborough, MA 01581<br>8 Walkup Dr.<br>TEL: 508-898-9220<br>FAX: 508-898-9193<br>Mansfield, MA 02048<br>320 Forbes Blvd<br>TEL: 508-822-9300<br>FAX: 508-822-3288 |                 | <b>Service Centers</b><br>Mahwah, NJ 07430: 35 Whitney Rd, Suite 5<br>Albany, NY 12205: 14 Walker Way<br>Tonawanda, NY 14150: 275 Cooper Ave, Suite 105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      | Page<br><div style="border: 1px solid black; padding: 2px; display: inline-block;">2 of 5</div>                                                                                                                                                                              |           | Date Rec'd in Lab <b>5/17/23</b>                                                                                                                                                                                     |                    | ALPHA Job #<br><b>62327188</b>                                                                |                    |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
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|                                                                                                                                                                                                                                                                                          |                 | <b>Project Information</b><br>Project Name: <b>828 Metropolitan</b><br>Project Location: <b>828 Metropolitan Ave, Brooklyn, NY</b><br>Project # <b>0205563</b><br>(Use Project name as Project #) <input type="checkbox"/><br>Project Manager: <b>Suzanne Bell</b><br>ALPHAQuote #:<br>Turn-Around Time<br>Standard <input checked="" type="checkbox"/> Due Date:<br>Rush (only if pre approved) <input type="checkbox"/> # of Days:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |                                                                                                                                                                                                                                                                              |           | <b>Deliverables</b><br><input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B<br><input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)<br><input type="checkbox"/> Other |                    | <b>Billing Information</b><br><input checked="" type="checkbox"/> Same as Client Info<br>PO # |                    |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
| <b>Client Information</b><br>Client: <b>Haley &amp; Aldrich</b><br>Address: <b>257 W 35th St</b><br><b>New York, NY</b><br>Phone: <b>(480) 261-0004</b><br>Fax:<br>Email: <b>sbell@haleyaldrich.com</b>                                                                                  |                 | <b>Regulatory Requirement</b><br><input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375<br><input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51<br><input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other<br><input checked="" type="checkbox"/> NY Unrestricted Use<br><input type="checkbox"/> NYC Sewer Discharge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      | <b>Disposal Site Information</b><br>Please identify below location of applicable disposal facilities.<br>Disposal Facility:<br><input checked="" type="checkbox"/> NJ <input checked="" type="checkbox"/> NY<br><input type="checkbox"/> Other:                              |           |                                                                                                                                                                                                                      |                    |                                                                                               |                    |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
| These samples have been previously analyzed by Alpha <input type="checkbox"/><br>Other project specific requirements/comments:                                                                                                                                                           |                 | <b>ANALYSIS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      | <b>Sample Filtration</b><br><input type="checkbox"/> Done<br><input type="checkbox"/> Lab to do<br>Preservation<br><input type="checkbox"/> Lab to do<br>(Please Specify below)                                                                                              |           |                                                                                                                                                                                                                      |                    |                                                                                               |                    |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
| Please specify Metals or TAL.                                                                                                                                                                                                                                                            |                 | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID<br/>(Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">Total Lead</th> <th rowspan="2">PCLP Lead</th> <th rowspan="2">VOCs</th> <th rowspan="2">TPH GRO</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>27188-10</td> <td>RI-SB02-0-0.5</td> <td>5/16/23</td> <td>1000</td> <td>S</td> <td>MC</td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td></td> <td>WC-A-COMP-12-16</td> <td></td> <td>1035</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td>RI-SB03-0-0.5</td> <td></td> <td>1110</td> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>12</td> <td>RI-SB10-6-8</td> <td></td> <td>1250</td> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>13</td> <td>RI-SB04-0-0.5</td> <td></td> <td>1415</td> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td></td> <td>DUP 01-05162023</td> <td></td> <td>N/A</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>14</td> <td>WC-B-GRAB-3-4</td> <td></td> <td>1310</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> </tr> <tr> <td>15</td> <td>WC-B-GRAB-7-8</td> <td></td> <td>1255</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> </tr> <tr> <td>16</td> <td>WC-B-GRAB-11-12</td> <td></td> <td>1300</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> </tr> <tr> <td>17</td> <td>WC-B-GRAB-15-16</td> <td></td> <td>1305</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td>X</td> </tr> </tbody> </table> |      | ALPHA Lab ID<br>(Lab Use Only)                                                                                                                                                                                                                                               | Sample ID | Collection                                                                                                                                                                                                           |                    | Sample Matrix                                                                                 | Sampler's Initials | Total Lead | PCLP Lead | VOCs | TPH GRO | Date       | Time      | 27188-10 | RI-SB02-0-0.5 | 5/16/23 | 1000 | S | MC | X | X |  |  |  | WC-A-COMP-12-16 |  | 1035 |  |  |  |  |  |  | 11 | RI-SB03-0-0.5 |  | 1110 |  |  | X | X |  |  | 12 | RI-SB10-6-8 |  | 1250 |  |  | X | X |  |  | 13 | RI-SB04-0-0.5 |  | 1415 |  |  | X | X |  |  |  | DUP 01-05162023 |  | N/A |  |  |  |  |  |  | 14 | WC-B-GRAB-3-4 |  | 1310 |  |  |  |  | X | X | 15 | WC-B-GRAB-7-8 |  | 1255 |  |  |  |  | X | X | 16 | WC-B-GRAB-11-12 |  | 1300 |  |  |  |  | X | X | 17 | WC-B-GRAB-15-16 |  | 1305 |  |  |  |  | X | X | <b>Sample Specific Comments</b> |  |
| ALPHA Lab ID<br>(Lab Use Only)                                                                                                                                                                                                                                                           | Sample ID       | Collection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |                                                                                                                                                                                                                                                                              |           | Sample Matrix                                                                                                                                                                                                        | Sampler's Initials |                                                                                               |                    |            |           |      |         | Total Lead | PCLP Lead | VOCs     | TPH GRO       |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
|                                                                                                                                                                                                                                                                                          |                 | Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Time |                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                      |                    |                                                                                               |                    |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
| 27188-10                                                                                                                                                                                                                                                                                 | RI-SB02-0-0.5   | 5/16/23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1000 | S                                                                                                                                                                                                                                                                            | MC        | X                                                                                                                                                                                                                    | X                  |                                                                                               |                    |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
|                                                                                                                                                                                                                                                                                          | WC-A-COMP-12-16 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1035 |                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                      |                    |                                                                                               |                    |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
| 11                                                                                                                                                                                                                                                                                       | RI-SB03-0-0.5   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1110 |                                                                                                                                                                                                                                                                              |           | X                                                                                                                                                                                                                    | X                  |                                                                                               |                    |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
| 12                                                                                                                                                                                                                                                                                       | RI-SB10-6-8     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1250 |                                                                                                                                                                                                                                                                              |           | X                                                                                                                                                                                                                    | X                  |                                                                                               |                    |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
| 13                                                                                                                                                                                                                                                                                       | RI-SB04-0-0.5   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1415 |                                                                                                                                                                                                                                                                              |           | X                                                                                                                                                                                                                    | X                  |                                                                                               |                    |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
|                                                                                                                                                                                                                                                                                          | DUP 01-05162023 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N/A  |                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                      |                    |                                                                                               |                    |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
| 14                                                                                                                                                                                                                                                                                       | WC-B-GRAB-3-4   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1310 |                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                      |                    | X                                                                                             | X                  |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
| 15                                                                                                                                                                                                                                                                                       | WC-B-GRAB-7-8   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1255 |                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                      |                    | X                                                                                             | X                  |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
| 16                                                                                                                                                                                                                                                                                       | WC-B-GRAB-11-12 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1300 |                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                      |                    | X                                                                                             | X                  |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
| 17                                                                                                                                                                                                                                                                                       | WC-B-GRAB-15-16 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1305 |                                                                                                                                                                                                                                                                              |           |                                                                                                                                                                                                                      |                    | X                                                                                             | X                  |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
| Preservative Code:<br>A = None<br>B = HCl<br>C = HNO <sub>3</sub><br>D = H <sub>2</sub> SO <sub>4</sub><br>E = NaOH<br>F = MeOH<br>G = NaHSO <sub>4</sub><br>H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub><br>K/E = Zn Ac/NaOH<br>O = Other                                          |                 | Container Code<br>P = Plastic<br>A = Amber Glass<br>V = Vial<br>G = Glass<br>B = Bacteria Cup<br>C = Cube<br>O = Other<br>E = Encore<br>D = BOD Bottle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      | Westboro: Certification No: MA935<br>Mansfield: Certification No: MA015                                                                                                                                                                                                      |           |                                                                                                                                                                                                                      |                    |                                                                                               |                    |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
| Relinquished By:<br><b>Matthew Cal...</b><br><b>MPIN ALPHA</b><br><b>Paul Mazzella</b><br><b>3/5/23 0230</b>                                                                                                                                                                             |                 | Date/Time<br><b>5/16/23 1645</b><br><b>5/16/23 1919</b><br><b>5/16/23 0020</b><br><b>5/17/23 0230</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      | Received By:<br><b>MPIN ALPHA</b><br><b>Paul Mazzella</b><br><b>5/16/23 1645</b><br><b>5/16/23 1919</b><br><b>5/17/23 0020</b><br><b>5/17/23 0230</b>                                                                                                                        |           |                                                                                                                                                                                                                      |                    |                                                                                               |                    |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |
| Form No: 01-25 HC (rev. 30-Sept-2013)                                                                                                                                                                                                                                                    |                 | Container Type<br>Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.) |           |                                                                                                                                                                                                                      |                    |                                                                                               |                    |            |           |      |         |            |           |          |               |         |      |   |    |   |   |  |  |  |                 |  |      |  |  |  |  |  |  |    |               |  |      |  |  |   |   |  |  |    |             |  |      |  |  |   |   |  |  |    |               |  |      |  |  |   |   |  |  |  |                 |  |     |  |  |  |  |  |  |    |               |  |      |  |  |  |  |   |   |    |               |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |    |                 |  |      |  |  |  |  |   |   |                                 |  |



|                                                                                                                                                                                                                            |  |                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                     |  |                                                                                                                                                                                                                           |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  <b>NEW YORK<br/>CHAIN OF<br/>CUSTODY</b>                                                                                                 |  | <b>Service Centers</b><br>Mahwah, NJ 07430: 35 Whitney Rd, Suite 5<br>Albany, NY 12205: 14 Walker Way<br>Tonawanda, NY 14150: 275 Cooper Ave, Suite 105 |  | Page<br><div style="border: 1px solid black; padding: 2px; display: inline-block;">3 of 5</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | Date Rec'd<br>in Lab <b>5/17/23</b> |  | ALPHA Job #<br><b>42327188</b>                                                                                                                                                                                            |  |
|                                                                                                                                                                                                                            |  | <b>Westborough, MA 01581</b><br>8 Walkup Dr.<br>TEL: 508-898-9220<br>FAX: 508-898-9193                                                                  |  | <b>Mansfield, MA 02048</b><br>320 Forbes Blvd<br>TEL: 508-822-9300<br>FAX: 508-822-3288                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                     |  |                                                                                                                                                                                                                           |  |
| <b>Project Information</b><br>Project Name: <b>Q28 Metropolitan</b><br>Project Location: <b>Q28 Metropolitan Ave, Brooklyn, NY</b><br>Project # <b>0203563</b><br>(Use Project name as Project #) <input type="checkbox"/> |  |                                                                                                                                                         |  | <b>Deliverables</b><br><input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B<br><input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)<br><input type="checkbox"/> Other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                     |  | <b>Billing Information</b><br><input checked="" type="checkbox"/> Same as Client Info<br>PO #                                                                                                                             |  |
| <b>Client Information</b><br>Client: <b>Hely &amp; Alchich</b><br>Address: <b>237 W 35th St.</b><br><b>NYC, NY</b><br>Phone: <b>(480) 261-0004</b><br>Fax:<br>Email: <b>Sbell@helyalchich.com</b>                          |  |                                                                                                                                                         |  | <b>Regulatory Requirement</b><br><input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375<br><input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51<br><input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other<br><input checked="" type="checkbox"/> NY Unrestricted Use<br><input type="checkbox"/> NYC Sewer Discharge                                                                                                                                                                                                                                                                                                                                                          |  |                                     |  | <b>Disposal Site Information</b><br>Please identify below location of applicable disposal facilities.<br>Disposal Facility:<br><input type="checkbox"/> NJ <input type="checkbox"/> NY<br><input type="checkbox"/> Other: |  |
| <b>Turn-Around Time</b><br>Standard <input type="checkbox"/> Due Date:<br>Rush (only if pre approved) <input checked="" type="checkbox"/> # of Days: <b>1 day</b>                                                          |  |                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                     |  |                                                                                                                                                                                                                           |  |
| These samples have been previously analyzed by Alpha <input type="checkbox"/>                                                                                                                                              |  |                                                                                                                                                         |  | <b>ANALYSIS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                     |  |                                                                                                                                                                                                                           |  |
| Other project specific requirements/comments:<br><b>MS/MSD taken on "SRI-01-14-16"</b>                                                                                                                                     |  |                                                                                                                                                         |  | <b>Sample Filtration</b><br><input type="checkbox"/> Done<br><input type="checkbox"/> Lab to do<br>Preservation<br><input type="checkbox"/> Lab to do<br>(Please Specify below)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                     |  |                                                                                                                                                                                                                           |  |
| Please specify Metals or TAL.                                                                                                                                                                                              |  |                                                                                                                                                         |  | <div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <b>ALPHA Lab ID</b><br/>(Lab Use Only)         </div> <div style="width: 15%;"> <b>Sample ID</b> </div> <div style="width: 10%;"> <b>Collection</b><br/>Date Time         </div> <div style="width: 10%;"> <b>Sample Matrix</b> </div> <div style="width: 10%;"> <b>Sampler's Initials</b> </div> <div style="width: 15%;"> <b>VOCs</b> </div> <div style="width: 10%;"> <b>SUOCs</b> </div> <div style="width: 10%;"> <b>TAL Metals</b> </div> <div style="width: 10%;"> <b>PCBs</b> </div> <div style="width: 10%;"> <b>Pesticides</b> </div> <div style="width: 10%;"> <b>PFAS</b> </div> <div style="width: 10%;"> <b>1,4-Dioxane</b> </div> </div> |  |                                     |  |                                                                                                                                                                                                                           |  |
|                                                                                                                                                                                                                            |  |                                                                                                                                                         |  | <div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <b>ALPHA Lab ID</b><br/>(Lab Use Only)         </div> <div style="width: 15%;"> <b>Sample ID</b> </div> <div style="width: 10%;"> <b>Collection</b><br/>Date Time         </div> <div style="width: 10%;"> <b>Sample Matrix</b> </div> <div style="width: 10%;"> <b>Sampler's Initials</b> </div> <div style="width: 15%;"> <b>VOCs</b> </div> <div style="width: 10%;"> <b>SUOCs</b> </div> <div style="width: 10%;"> <b>TAL Metals</b> </div> <div style="width: 10%;"> <b>PCBs</b> </div> <div style="width: 10%;"> <b>Pesticides</b> </div> <div style="width: 10%;"> <b>PFAS</b> </div> <div style="width: 10%;"> <b>1,4-Dioxane</b> </div> </div> |  |                                     |  |                                                                                                                                                                                                                           |  |
|                                                                                                                                                                                                                            |  |                                                                                                                                                         |  | <div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <b>ALPHA Lab ID</b><br/>(Lab Use Only)         </div> <div style="width: 15%;"> <b>Sample ID</b> </div> <div style="width: 10%;"> <b>Collection</b><br/>Date Time         </div> <div style="width: 10%;"> <b>Sample Matrix</b> </div> <div style="width: 10%;"> <b>Sampler's Initials</b> </div> <div style="width: 15%;"> <b>VOCs</b> </div> <div style="width: 10%;"> <b>SUOCs</b> </div> <div style="width: 10%;"> <b>TAL Metals</b> </div> <div style="width: 10%;"> <b>PCBs</b> </div> <div style="width: 10%;"> <b>Pesticides</b> </div> <div style="width: 10%;"> <b>PFAS</b> </div> <div style="width: 10%;"> <b>1,4-Dioxane</b> </div> </div> |  |                                     |  |                                                                                                                                                                                                                           |  |
|                                                                                                                                                                                                                            |  |                                                                                                                                                         |  | <div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <b>ALPHA Lab ID</b><br/>(Lab Use Only)         </div> <div style="width: 15%;"> <b>Sample ID</b> </div> <div style="width: 10%;"> <b>Collection</b><br/>Date Time         </div> <div style="width: 10%;"> <b>Sample Matrix</b> </div> <div style="width: 10%;"> <b>Sampler's Initials</b> </div> <div style="width: 15%;"> <b>VOCs</b> </div> <div style="width: 10%;"> <b>SUOCs</b> </div> <div style="width: 10%;"> <b>TAL Metals</b> </div> <div style="width: 10%;"> <b>PCBs</b> </div> <div style="width: 10%;"> <b>Pesticides</b> </div> <div style="width: 10%;"> <b>PFAS</b> </div> <div style="width: 10%;"> <b>1,4-Dioxane</b> </div> </div> |  |                                     |  |                                                                                                                                                                                                                           |  |
|                                                                                                                                                                                                                            |  |                                                                                                                                                         |  | <div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <b>ALPHA Lab ID</b><br/>(Lab Use Only)         </div> <div style="width: 15%;"> <b>Sample ID</b> </div> <div style="width: 10%;"> <b>Collection</b><br/>Date Time         </div> <div style="width: 10%;"> <b>Sample Matrix</b> </div> <div style="width: 10%;"> <b>Sampler's Initials</b> </div> <div style="width: 15%;"> <b>VOCs</b> </div> <div style="width: 10%;"> <b>SUOCs</b> </div> <div style="width: 10%;"> <b>TAL Metals</b> </div> <div style="width: 10%;"> <b>PCBs</b> </div> <div style="width: 10%;"> <b>Pesticides</b> </div> <div style="width: 10%;"> <b>PFAS</b> </div> <div style="width: 10%;"> <b>1,4-Dioxane</b> </div> </div> |  |                                     |  |                                                                                                                                                                                                                           |  |
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|  <b>NEW YORK CHAIN OF CUSTODY</b><br>Westborough, MA 01581<br>8 Walkup Dr.<br>TEL: 508-898-9220<br>FAX: 508-898-9193                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              | <b>Service Centers</b><br>Mahwah, NJ 07430: 35 Whitney Rd, Suite 5<br>Albany, NY 12205: 14 Walker Way<br>Tonawanda, NY 14150: 275 Cooper Ave, Suite 105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | Page<br><div style="border: 1px solid black; padding: 2px; display: inline-block;">4 of 5</div>                                                                                                                                                                                                                                                                                                |                    | Date Rec'd in Lab<br><div style="font-size: 1.5em;">5/17/23</div>                                                                                                                                                         |                    | ALPHA Job #<br><div style="font-size: 1.5em;">L2327188</div> |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              | <b>Project Information</b><br>Project Name: <u>828 Mohawk-ten</u><br>Project Location: <u>828 Metropolitan Ave, Brooklyn, NY</u><br>Project # <u>0205563</u><br>(Use Project name as Project #) <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Deliverables</b><br><input type="checkbox"/> ASP-A<br><input type="checkbox"/> EQUIS (1 File)<br><input type="checkbox"/> Other<br><input checked="" type="checkbox"/> ASP-B<br><input type="checkbox"/> EQUIS (4 File)                                                                                                                                                                     |                    | <b>Billing Information</b><br><input checked="" type="checkbox"/> Same as Client Info<br>PO #                                                                                                                             |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
| <b>Client Information</b><br>Client: <u>Holty &amp; Aldrich</u><br>Address: <u>237 W 35th St</u><br><u>New York, NY</u><br>Phone: <u>(480) 261-0004</u><br>Fax:<br>Email: <u>SBell@holtyaldrich.com</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              | <b>Project Manager:</b> <u>Suzanne Bell</u><br><b>ALPHAQuote #:</b><br><b>Turn-Around Time</b><br>Standard <input type="checkbox"/> Due Date:<br>Rush (only if pre approved) <input checked="" type="checkbox"/> # of Days: <u>1 day</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           | <b>Regulatory Requirement</b><br><input type="checkbox"/> NY TOGS<br><input type="checkbox"/> AWQ Standards<br><input checked="" type="checkbox"/> NY Restricted Use<br><input checked="" type="checkbox"/> NY Unrestricted Use<br><input type="checkbox"/> NYC Sewer Discharge<br><input type="checkbox"/> NY Part 375<br><input type="checkbox"/> NY CP-51<br><input type="checkbox"/> Other |                    | <b>Disposal Site Information</b><br>Please identify below location of applicable disposal facilities.<br>Disposal Facility:<br><input type="checkbox"/> NJ <input type="checkbox"/> NY<br><input type="checkbox"/> Other: |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
| These samples have been previously analyzed by Alpha <input type="checkbox"/><br>Other project specific requirements/comments:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              | <b>ANALYSIS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           | <b>Sample Filtration</b><br><input type="checkbox"/> Done<br><input type="checkbox"/> Lab to do<br><b>Preservation</b><br><input type="checkbox"/> Lab to do<br>(Please Specify below)                                                                                                                                                                                                         |                    | Total Bottles                                                                                                                                                                                                             |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
| Please specify Metals or TAL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              | <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>VOCs</th> <th>SVOCs</th> <th>TAL Metals</th> <th>PCBs</th> <th>Pesticides</th> <th>PFAS</th> <th>1,4-Dioxane</th> </tr> <tr><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> </table> |           | VOCs                                                                                                                                                                                                                                                                                                                                                                                           | SVOCs              |                                                                                                                                                                                                                           |                    | TAL Metals                                                   | PCBs | Pesticides                                                                      | PFAS | 1,4-Dioxane | X | X        | X            | X       | X    | X | X  | X  | X            | X | X    | X | X | X  | X            | X | X    | X | X | X  | X            | X | X    | X | X | X  | X            | X | X    | X | X | X  | X            | X | X    | X | X | X  | X            | X | X    | X | X | X  | X            | X | X    | X | X | X  | X            | X | X    | X | X | X  | X            | X | X    | X | X | X                                                                       | X | X                              | X | X                                                                                                                                                                                                                                                                            | X | X | X | X | X | X | X | X | X | X | X |
| VOCs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SVOCs        | TAL Metals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PCBs      | Pesticides                                                                                                                                                                                                                                                                                                                                                                                     | PFAS               | 1,4-Dioxane                                                                                                                                                                                                               |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | X            | X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | X         | X                                                                                                                                                                                                                                                                                                                                                                                              | X                  | X                                                                                                                                                                                                                         |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
| X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | X            | X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | X         | X                                                                                                                                                                                                                                                                                                                                                                                              | X                  | X                                                                                                                                                                                                                         |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
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| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>ALPHA Lab ID<br/>(Lab Use Only)</th> <th>Sample ID</th> <th colspan="2">Collection</th> <th>Sample Matrix</th> <th>Sampler's Initials</th> </tr> <tr> <th></th> <th></th> <th>Date</th> <th>Time</th> <th></th> <th></th> </tr> <tr><td>27188-28</td><td>SRI-05-20-22</td><td>5/16/23</td><td>1240</td><td>S</td><td>MC</td></tr> <tr><td>29</td><td>SRI-05-26-28</td><td></td><td>1245</td><td></td><td></td></tr> <tr><td>30</td><td>SRI-07-14-16</td><td></td><td>1200</td><td></td><td></td></tr> <tr><td>31</td><td>SRI-07-20-22</td><td></td><td>1205</td><td></td><td></td></tr> <tr><td>32</td><td>SRI-07-26-28</td><td></td><td>1210</td><td></td><td></td></tr> <tr><td>33</td><td>SRI-08-14-16</td><td></td><td>1320</td><td></td><td></td></tr> <tr><td>34</td><td>SRI-08-20-22</td><td></td><td>1325</td><td></td><td></td></tr> <tr><td>35</td><td>SRI-08-26-28</td><td></td><td>1330</td><td></td><td></td></tr> <tr><td>36</td><td>SRI-09-14-16</td><td></td><td>1400</td><td></td><td></td></tr> <tr><td>37</td><td>SRI-09-20-22</td><td></td><td>1405</td><td></td><td></td></tr> </table> |              | ALPHA Lab ID<br>(Lab Use Only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sample ID | Collection                                                                                                                                                                                                                                                                                                                                                                                     |                    | Sample Matrix                                                                                                                                                                                                             | Sampler's Initials |                                                              |      | Date                                                                            | Time |             |   | 27188-28 | SRI-05-20-22 | 5/16/23 | 1240 | S | MC | 29 | SRI-05-26-28 |   | 1245 |   |   | 30 | SRI-07-14-16 |   | 1200 |   |   | 31 | SRI-07-20-22 |   | 1205 |   |   | 32 | SRI-07-26-28 |   | 1210 |   |   | 33 | SRI-08-14-16 |   | 1320 |   |   | 34 | SRI-08-20-22 |   | 1325 |   |   | 35 | SRI-08-26-28 |   | 1330 |   |   | 36 | SRI-09-14-16 |   | 1400 |   |   | 37 | SRI-09-20-22 |   | 1405 |   |   | Westboro: Certification No: MA935<br>Mansfield: Certification No: MA015 |   | Container Type<br>Preservative |   | Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.) |   |   |   |   |   |   |   |   |   |   |   |
| ALPHA Lab ID<br>(Lab Use Only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sample ID    | Collection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           | Sample Matrix                                                                                                                                                                                                                                                                                                                                                                                  | Sampler's Initials |                                                                                                                                                                                                                           |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
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| 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SRI-05-26-28 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1245      |                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                                                                                                                                                           |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
| 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SRI-07-14-16 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1200      |                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                                                                                                                                                           |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
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| 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SRI-07-26-28 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1210      |                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                                                                                                                                                           |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
| 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SRI-08-14-16 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1320      |                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                                                                                                                                                           |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
| 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SRI-08-20-22 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1325      |                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                                                                                                                                                           |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
| 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SRI-08-26-28 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1330      |                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                                                                                                                                                           |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
| 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SRI-09-14-16 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1400      |                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                                                                                                                                                           |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
| 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SRI-09-20-22 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1405      |                                                                                                                                                                                                                                                                                                                                                                                                |                    |                                                                                                                                                                                                                           |                    |                                                              |      |                                                                                 |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |
| Preservative Code:<br>A = None<br>B = HCl<br>C = HNO <sub>3</sub><br>D = H <sub>2</sub> SO <sub>4</sub><br>E = NaOH<br>F = MeOH<br>G = NaHSO <sub>4</sub><br>H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub><br>K/E = Zn Ac/NaOH<br>O = Other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |              | Container Code:<br>P = Plastic<br>A = Amber Glass<br>V = Vial<br>G = Glass<br>B = Bacteria Cup<br>C = Cube<br>O = Other<br>E = Encore<br>D = BOD Bottle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           | Relinquished By:<br><u>Matthew Cal</u><br><u>MPIN ALPHA</u><br><u>Paul Mazzella</u>                                                                                                                                                                                                                                                                                                            |                    | Date/Time:<br><u>5/16/23 1645</u><br><u>5/16/23 1914</u><br><u>5/16/23 0020</u><br><u>5/17/23 0020</u>                                                                                                                    |                    | Received By:<br><u>MPIN ALPHA</u><br><u>Paul Mazzella</u>    |      | Date/Time:<br><u>5/16/23 1645</u><br><u>5/16/23 2000</u><br><u>5/17/23 0020</u> |      |             |   |          |              |         |      |   |    |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |    |              |   |      |   |   |                                                                         |   |                                |   |                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |   |   |



|  <b>NEW YORK<br/>CHAIN OF<br/>CUSTODY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 | <b>Service Centers</b><br>Mahwah, NJ 07430: 35 Whitney Rd, Suite 5<br>Albany, NY 12205: 14 Walker Way<br>Tonawanda, NY 14150: 275 Cooper Ave, Suite 105                                                                                  |      | Page<br><div style="border: 1px solid black; padding: 2px; display: inline-block;">5 of 5</div>                                                                                                                                                                                                                                                                                                  |                    | Date Rec'd<br>in Lab <span style="font-size: 1.5em;">5/17/23</span>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | ALPHA Job #<br><span style="font-size: 1.5em;">L2327188</span>                                                                                                                                                                                                               |       |                                                                                               |               |                    |            |      |             |              |         |      |   |    |    |                 |   |     |   |   |    |           |   |     |       |    |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------------|---------------|--------------------|------------|------|-------------|--------------|---------|------|---|----|----|-----------------|---|-----|---|---|----|-----------|---|-----|-------|----|--|--|--|--|--|--|--|---|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 | Westborough, MA 01581<br>8 Walkup Dr.<br>TEL: 508-896-9220<br>FAX: 508-896-9193                                                                                                                                                          |      | Mansfield, MA 02048<br>320 Forbes Blvd<br>TEL: 508-822-9300<br>FAX: 508-822-3288                                                                                                                                                                                                                                                                                                                 |                    | <b>Project Information</b><br>Project Name: <u>828 Metropolitan</u><br>Project Location: <u>828 Metropolitan Ave. Bldg. Wm.</u><br>Project # <u>0205563</u><br>(Use Project name as Project #) <input type="checkbox"/>                                                                                                                                                                                                                                                                                                   |           | <b>Deliverables</b><br><input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B<br><input checked="" type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)<br><input type="checkbox"/> Other                                              |       | <b>Billing Information</b><br><input checked="" type="checkbox"/> Same as Client Info<br>PO # |               |                    |            |      |             |              |         |      |   |    |    |                 |   |     |   |   |    |           |   |     |       |    |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <b>Client Information</b><br>Client: <u>Halcy &amp; Aldrich</u><br>Address: <u>237 W 35th St</u><br><u>Manhattan, NY</u><br>Phone: <u>(480) 261-0004</u><br>Fax:<br>Email: <u>SBell@halcyaldrich.com</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 | <b>Project Manager:</b> <u>Suzanne Bell</u><br><b>ALPHAQuote #:</b><br><b>Turn-Around Time</b><br>Standard <input type="checkbox"/> Due Date: <u>1 day</u><br>Rush (only if pre approved) <input checked="" type="checkbox"/> # of Days: |      | <b>Regulatory Requirement</b><br><input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375<br><input checked="" type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51<br><input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other<br><input checked="" type="checkbox"/> NY Unrestricted Use<br><input type="checkbox"/> NYC Sewer Discharge |                    | <b>Disposal Site Information</b><br>Please identify below location of applicable disposal facilities.<br>Disposal Facility:<br><input type="checkbox"/> NJ <input type="checkbox"/> NY<br><input type="checkbox"/> Other:                                                                                                                                                                                                                                                                                                 |           |                                                                                                                                                                                                                                                                              |       |                                                                                               |               |                    |            |      |             |              |         |      |   |    |    |                 |   |     |   |   |    |           |   |     |       |    |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| These samples have been previously analyzed by Alpha <input type="checkbox"/><br>Other project specific requirements/comments:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                                                                                                                                                                                                          |      |                                                                                                                                                                                                                                                                                                                                                                                                  |                    | <b>ANALYSIS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           | <b>Sample Filtration</b><br><input type="checkbox"/> Done<br><input type="checkbox"/> Lab to do<br><b>Preservation</b><br><input type="checkbox"/> Lab to do<br>(Please Specify below)                                                                                       |       | Total<br>Bottle                                                                               |               |                    |            |      |             |              |         |      |   |    |    |                 |   |     |   |   |    |           |   |     |       |    |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Please specify Metals or TAL.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                 |                                                                                                                                                                                                                                          |      |                                                                                                                                                                                                                                                                                                                                                                                                  |                    | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>VOCs</th> <th>SVOCs</th> <th>TAL Metals</th> <th>PCBs</th> <th>Pesticides</th> <th>PFAS</th> <th>1,4-Dioxane</th> <th>VOCs</th> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> </tr> </table> |           | VOCs                                                                                                                                                                                                                                                                         | SVOCs |                                                                                               | TAL Metals    | PCBs               | Pesticides | PFAS | 1,4-Dioxane | VOCs         | X       | X    | X | X  | X  | X               | X |     | X | X | X  | X         | X | X   | X     |    |  |  |  |  |  |  |  | X | <b>Sample Specific Comments</b> |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VOCs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | SVOCs           | TAL Metals                                                                                                                                                                                                                               | PCBs | Pesticides                                                                                                                                                                                                                                                                                                                                                                                       | PFAS               | 1,4-Dioxane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | VOCs      |                                                                                                                                                                                                                                                                              |       |                                                                                               |               |                    |            |      |             |              |         |      |   |    |    |                 |   |     |   |   |    |           |   |     |       |    |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID<br/>(Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>27188-30</td> <td>SRI-09-26-28</td> <td>5/16/23</td> <td>1410</td> <td>S</td> <td>MC</td> </tr> <tr> <td>39</td> <td>DUP-01-05162023</td> <td>↓</td> <td>N/A</td> <td>↓</td> <td>↓</td> </tr> <tr> <td>40</td> <td>Trp Blank</td> <td>↓</td> <td>N/A</td> <td>BLANK</td> <td>MC</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> |                 |                                                                                                                                                                                                                                          |      |                                                                                                                                                                                                                                                                                                                                                                                                  |                    | ALPHA Lab ID<br>(Lab Use Only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Sample ID | Collection                                                                                                                                                                                                                                                                   |       |                                                                                               | Sample Matrix | Sampler's Initials | Date       | Time | 27188-30    | SRI-09-26-28 | 5/16/23 | 1410 | S | MC | 39 | DUP-01-05162023 | ↓ | N/A | ↓ | ↓ | 40 | Trp Blank | ↓ | N/A | BLANK | MC |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ALPHA Lab ID<br>(Lab Use Only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Sample ID       | Collection                                                                                                                                                                                                                               |      | Sample Matrix                                                                                                                                                                                                                                                                                                                                                                                    | Sampler's Initials |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                              |       |                                                                                               |               |                    |            |      |             |              |         |      |   |    |    |                 |   |     |   |   |    |           |   |     |       |    |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | DUP-01-05162023 | ↓                                                                                                                                                                                                                                        | N/A  | ↓                                                                                                                                                                                                                                                                                                                                                                                                | ↓                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                              |       |                                                                                               |               |                    |            |      |             |              |         |      |   |    |    |                 |   |     |   |   |    |           |   |     |       |    |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Trp Blank       | ↓                                                                                                                                                                                                                                        | N/A  | BLANK                                                                                                                                                                                                                                                                                                                                                                                            | MC                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                              |       |                                                                                               |               |                    |            |      |             |              |         |      |   |    |    |                 |   |     |   |   |    |           |   |     |       |    |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                                                                                                                                                                                                          |      |                                                                                                                                                                                                                                                                                                                                                                                                  |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                              |       |                                                                                               |               |                    |            |      |             |              |         |      |   |    |    |                 |   |     |   |   |    |           |   |     |       |    |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                                                                                                                                                                                                          |      |                                                                                                                                                                                                                                                                                                                                                                                                  |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                              |       |                                                                                               |               |                    |            |      |             |              |         |      |   |    |    |                 |   |     |   |   |    |           |   |     |       |    |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                                                                                                                                                                                                          |      |                                                                                                                                                                                                                                                                                                                                                                                                  |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                              |       |                                                                                               |               |                    |            |      |             |              |         |      |   |    |    |                 |   |     |   |   |    |           |   |     |       |    |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |                                                                                                                                                                                                                                          |      |                                                                                                                                                                                                                                                                                                                                                                                                  |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                              |       |                                                                                               |               |                    |            |      |             |              |         |      |   |    |    |                 |   |     |   |   |    |           |   |     |       |    |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Preservative Code:<br>A = None<br>B = HCl<br>C = HNO <sub>3</sub><br>D = H <sub>2</sub> SO <sub>4</sub><br>E = NaOH<br>F = MeOH<br>G = NaHSO <sub>4</sub><br>H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub><br>K/E = Zn Ac/NaOH<br>O = Other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 | Container Code<br>P = Plastic<br>A = Amber Glass<br>V = Vial<br>G = Glass<br>B = Bacteria Cup<br>C = Cube<br>O = Other<br>E = Encore<br>D = BOD Bottle                                                                                   |      | Westboro: Certification No: MA935<br>Mansfield: Certification No: MA015                                                                                                                                                                                                                                                                                                                          |                    | Container Type<br>Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           | Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.) |       |                                                                                               |               |                    |            |      |             |              |         |      |   |    |    |                 |   |     |   |   |    |           |   |     |       |    |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Relinquished By: <u>Matthew C. [Signature]</u><br><u>MPIN ALPHA</u><br><u>Paul Mazzella</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 | Date/Time<br><u>5/16/23 1645</u><br><u>5/16/23 1915</u><br><u>5/16/23 0020</u><br><u>5/17/23 0220</u>                                                                                                                                    |      | Received By: <u>MPIN ALPHA</u><br><u>Paul Mazzella</u><br><u>852</u>                                                                                                                                                                                                                                                                                                                             |                    | Date/Time<br><u>5/16/23 16:45</u><br><u>5/16/23 2020</u><br><u>5/17/23 0220</u>                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |                                                                                                                                                                                                                                                                              |       |                                                                                               |               |                    |            |      |             |              |         |      |   |    |    |                 |   |     |   |   |    |           |   |     |       |    |  |  |  |  |  |  |  |   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



## ANALYTICAL REPORT

|                 |                                                                             |
|-----------------|-----------------------------------------------------------------------------|
| Lab Number:     | L2327332                                                                    |
| Client:         | Haley & Aldrich<br>237 West 35th Street<br>16th Floor<br>New York, NY 10123 |
| ATTN:           | Suzanne Bell                                                                |
| Phone:          | (973) 658-3938                                                              |
| Project Name:   | 828 METROPOLITAN                                                            |
| Project Number: | 0205563                                                                     |
| Report Date:    | 06/13/23                                                                    |

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

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Eight Walkup Drive, Westborough, MA 01581-1019  
508-898-9220 (Fax) 508-898-9193 800-624-9220 - [www.alphalab.com](http://www.alphalab.com)



Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327332

Report Date: 06/13/23

| Alpha<br>Sample ID | Client ID    | Matrix | Sample<br>Location                     | Collection<br>Date/Time | Receive Date |
|--------------------|--------------|--------|----------------------------------------|-------------------------|--------------|
| L2327332-01        | SR1-10_14-16 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/17/23 13:20          | 05/17/23     |
| L2327332-02        | SR1-10_20-22 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/17/23 13:25          | 05/17/23     |
| L2327332-03        | SR1-10_26-28 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/17/23 13:30          | 05/17/23     |
| L2327332-04        | SR1-11_14-16 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/17/23 12:50          | 05/17/23     |
| L2327332-05        | SR1-11_20-22 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/17/23 12:55          | 05/17/23     |
| L2327332-06        | SR1-11_26-28 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/17/23 13:00          | 05/17/23     |
| L2327332-07        | SR1-12_14-16 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/17/23 12:00          | 05/17/23     |
| L2327332-08        | SR1-12_20-22 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/17/23 12:05          | 05/17/23     |
| L2327332-09        | SR1-12_26-28 | SOIL   | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/17/23 12:10          | 05/17/23     |
| L2327332-10        | TRIP BLANK   | WATER  | 828 METROPOLITAN AVE., BROOKLYN,<br>NY | 05/17/23 00:00          | 05/17/23     |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

### Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

**HOLD POLICY** - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

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**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

### Case Narrative (continued)

#### Report Submission

June 13, 2023: This final report includes the results of all requested analyses.

May 24, 2023: This is a preliminary report.

May 23, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

#### Perfluorinated Alkyl Acids by 1633

L2327332-01RE, -02RE, -03RE, -04RE, -05RE, -06RE, -07RE, -08RE, and -09RE: The sample was re-extracted within holding time due to QC failures in the original extraction. The results of the re-extraction are reported.

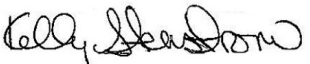
#### Total Metals

L2327332-01 through -09: The sample has elevated detection limits for all elements due to the dilution required by the sample matrix.

The WG1780599-1 Method Blank, associated with L2327332-01 through -09, has a concentration above the reporting limit for chromium. Since the sample concentrations in L2327332-01, -02, -03, and -05 through -09 are greater than 10x the blank concentration, no corrective action is required. L2327332-04 was re-digested for chromium, and the associated WG1782253-1 Method Blank is non-detect.

The WG1780599-1 Method Blank, associated with L2327332-01 through -09, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration, no corrective action is required.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative

Date: 06/13/23

# ORGANICS

# VOLATILES

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-01  
 Client ID: SR1-10\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:20  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/23/23 12:47  
 Analyst: JIC  
 Percent Solids: 96%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.3  | 2.4  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.6  | 0.15 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.0  | 0.24 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.0  | 0.13 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.53 | 0.21 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.53 | 0.13 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.2  | 0.73 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.27 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.53 | 0.18 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.53 | 0.11 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.0  | 0.29 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.53 | 0.17 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.53 | 0.17 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.53 | 0.17 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.2  | 0.26 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.53 | 0.17 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.53 | 0.17 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.0  | 0.57 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.2  | 0.98 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.1  | 0.61 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.0  | 0.35 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.1  | 0.48 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.0  | 0.25 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.6  | 0.14 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-01  
 Client ID: SR1-10\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:20  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.53 | 0.14 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.16 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.18 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.1  | 0.21 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.1  | 0.59 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.0  | 0.31 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.0  | 0.31 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.0  | 0.18 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.1  | 0.25 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.0  | 0.21 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 10   | 0.96 | 1               |
| Acetone                                             | ND     |           | ug/kg | 10   | 5.1  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 10   | 4.8  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 10   | 2.3  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 10   | 2.3  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 10   | 1.3  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.1  | 0.13 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 10   | 1.2  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.1  | 0.22 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.1  | 0.21 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.0  | 0.29 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.1  | 0.18 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.53 | 0.14 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.0  | 0.18 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.1  | 0.12 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.1  | 0.20 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.1  | 0.11 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.2  | 1.0  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.2  | 0.18 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 4.2  | 0.68 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.2  | 1.2  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-01**Date Collected:** 05/17/23 13:20**Client ID:** SR1-10\_14-16**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.0 | 0.18 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.1 | 0.34 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.1 | 0.29 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.1 | 0.20 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.1 | 0.35 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 84  | 37.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.1 | 0.19 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.1 | 0.40 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.1 | 0.20 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.1 | 0.36 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.3 | 1.5  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 139        | Q         | 70-130              |
| Toluene-d8            | 97         |           | 70-130              |
| 4-Bromofluorobenzene  | 98         |           | 70-130              |
| Dibromofluoromethane  | 123        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-02  
 Client ID: SR1-10\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:25  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 05/23/23 13:14

Analyst: JIC

Percent Solids: 96%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 4.4  | 2.0  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 0.88 | 0.13 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.3  | 0.12 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 0.88 | 0.20 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 0.88 | 0.11 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 0.88 | 0.12 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 0.88 | 0.23 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.44 | 0.17 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.44 | 0.11 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 3.5  | 0.61 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 0.88 | 0.22 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.44 | 0.15 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.44 | 0.10 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 0.88 | 0.24 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.44 | 0.14 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.44 | 0.14 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.44 | 0.14 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 3.5  | 0.22 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.44 | 0.14 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.44 | 0.14 | 1               |
| Toluene                                             | ND     |           | ug/kg | 0.88 | 0.48 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 0.88 | 0.12 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 3.5  | 0.82 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 1.8  | 0.51 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 0.88 | 0.29 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 1.8  | 0.40 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 0.88 | 0.21 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.3  | 0.12 | 1               |



Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-02

Date Collected: 05/17/23 13:25

Client ID: SR1-10\_20-22

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.44 | 0.12 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 1.8  | 0.13 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 1.8  | 0.13 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 1.8  | 0.15 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 1.8  | 0.18 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 1.8  | 0.49 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 0.88 | 0.25 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 0.88 | 0.25 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 0.88 | 0.15 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 0.88 | 0.12 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 1.8  | 0.21 | 1               |
| Styrene                                             | ND     |           | ug/kg | 0.88 | 0.17 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 8.8  | 0.80 | 1               |
| Acetone                                             | ND     |           | ug/kg | 8.8  | 4.2  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 8.8  | 4.0  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 8.8  | 1.9  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 8.8  | 1.9  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 8.8  | 1.1  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 1.8  | 0.11 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 8.8  | 1.0  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 1.8  | 0.18 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 1.8  | 0.18 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 0.88 | 0.24 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 1.8  | 0.15 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.44 | 0.12 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 1.8  | 0.13 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 0.88 | 0.15 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 0.88 | 0.13 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 1.8  | 0.10 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 1.8  | 0.17 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 1.8  | 0.09 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 2.6  | 0.87 | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 3.5  | 0.15 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 0.88 | 0.10 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 0.88 | 0.10 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 3.5  | 0.57 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 3.5  | 1.0  | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-02

Date Collected: 05/17/23 13:25

Client ID: SR1-10\_20-22

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 0.88 | 0.15 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 1.8  | 0.28 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 1.8  | 0.24 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 1.8  | 0.17 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 1.8  | 0.29 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 70   | 31.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 1.8  | 0.15 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 1.8  | 0.34 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 1.8  | 0.17 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 1.8  | 0.30 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 4.4  | 1.2  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 140        | Q         | 70-130              |
| Toluene-d8            | 97         |           | 70-130              |
| 4-Bromofluorobenzene  | 93         |           | 70-130              |
| Dibromofluoromethane  | 122        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-04  
 Client ID: SR1-11\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:50  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 05/23/23 14:09

Analyst: JIC

Percent Solids: 92%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.2  | 2.4  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.6  | 0.14 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.0  | 0.24 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.0  | 0.13 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.52 | 0.20 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.52 | 0.13 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.1  | 0.72 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.0  | 0.27 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.52 | 0.17 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.52 | 0.11 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.0  | 0.28 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.52 | 0.16 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.52 | 0.16 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.52 | 0.16 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.1  | 0.26 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.52 | 0.17 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.52 | 0.17 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.0  | 0.56 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.1  | 0.97 | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.1  | 0.60 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.0  | 0.35 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.1  | 0.47 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.0  | 0.25 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.6  | 0.14 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-04  
 Client ID: SR1-11\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:50  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.52 | 0.14 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.18 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.1  | 0.21 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.1  | 0.58 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.0  | 0.30 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.0  | 0.30 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.0  | 0.18 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.0  | 0.14 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.1  | 0.25 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.0  | 0.20 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 10   | 0.95 | 1               |
| Acetone                                             | 7.0    | J         | ug/kg | 10   | 5.0  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 10   | 4.7  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 10   | 2.3  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 10   | 2.2  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 10   | 1.3  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.1  | 0.13 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 10   | 1.2  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.1  | 0.21 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.1  | 0.21 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.0  | 0.29 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.1  | 0.17 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.52 | 0.14 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.0  | 0.17 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.15 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.1  | 0.12 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.1  | 0.20 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.1  | 0.11 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.1  | 1.0  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.1  | 0.18 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.0  | 0.11 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 4.1  | 0.67 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.1  | 1.2  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-04**Date Collected:** 05/17/23 12:50**Client ID:** SR1-11\_14-16**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.0 | 0.18 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.1 | 0.33 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.1 | 0.28 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.1 | 0.20 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.1 | 0.35 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 83  | 36.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.1 | 0.18 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.1 | 0.40 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.1 | 0.20 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.1 | 0.35 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.2 | 1.5  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 140        | Q         | 70-130              |
| Toluene-d8            | 98         |           | 70-130              |
| 4-Bromofluorobenzene  | 94         |           | 70-130              |
| Dibromofluoromethane  | 122        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-05  
 Client ID: SR1-11\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:55  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 05/23/23 14:36

Analyst: JIC

Percent Solids: 95%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.4  | 2.5  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.1  | 0.16 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.6  | 0.15 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.1  | 0.25 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.1  | 0.14 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.1  | 0.15 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.1  | 0.29 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.54 | 0.21 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.54 | 0.14 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.4  | 0.76 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.1  | 0.28 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.54 | 0.18 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.54 | 0.12 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.1  | 0.30 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.54 | 0.17 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.54 | 0.17 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.54 | 0.17 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.4  | 0.27 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.54 | 0.18 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.54 | 0.18 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.1  | 0.59 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.1  | 0.15 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.4  | 1.0  | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.2  | 0.63 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.1  | 0.36 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.2  | 0.49 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.1  | 0.26 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.6  | 0.15 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-05  
 Client ID: SR1-11\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:55  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.54 | 0.15 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.2  | 0.16 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.2  | 0.16 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.2  | 0.19 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.2  | 0.22 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.2  | 0.61 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.1  | 0.32 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.1  | 0.32 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.1  | 0.19 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.1  | 0.15 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.2  | 0.26 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.1  | 0.21 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 11   | 1.0  | 1               |
| Acetone                                             | 5.6    | J         | ug/kg | 11   | 5.2  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 11   | 5.0  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 11   | 2.4  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 11   | 2.3  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 11   | 1.4  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.2  | 0.14 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 11   | 1.3  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.2  | 0.22 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.2  | 0.22 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.1  | 0.30 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.2  | 0.18 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.54 | 0.14 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.2  | 0.16 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.1  | 0.18 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.1  | 0.16 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.2  | 0.13 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.2  | 0.21 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.2  | 0.12 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.3  | 1.1  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.4  | 0.18 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.1  | 0.12 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.1  | 0.12 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 4.4  | 0.71 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.4  | 1.2  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-05**Date Collected:** 05/17/23 12:55**Client ID:** SR1-11\_20-22**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.1 | 0.19 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.2 | 0.35 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.2 | 0.30 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.2 | 0.21 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.2 | 0.36 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 87  | 38.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.2 | 0.19 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.2 | 0.42 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.2 | 0.21 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.2 | 0.37 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.4 | 1.5  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 140        | Q         | 70-130              |
| Toluene-d8            | 98         |           | 70-130              |
| 4-Bromofluorobenzene  | 94         |           | 70-130              |
| Dibromofluoromethane  | 123        |           | 70-130              |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-07  
 Client ID: SR1-12\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:00  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/23/23 22:37  
 Analyst: JIC  
 Percent Solids: 77%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 7.2  | 3.3  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.4  | 0.21 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 2.2  | 0.20 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.4  | 0.33 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.4  | 0.18 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.4  | 0.20 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.4  | 0.39 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.72 | 0.28 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.72 | 0.18 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 5.8  | 1.0  | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.4  | 0.37 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.72 | 0.24 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.72 | 0.16 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.4  | 0.39 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.72 | 0.23 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.72 | 0.23 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.72 | 0.23 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 5.8  | 0.36 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.72 | 0.24 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.72 | 0.24 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.4  | 0.78 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.4  | 0.20 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 5.8  | 1.3  | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.9  | 0.84 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.4  | 0.48 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.9  | 0.65 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.4  | 0.34 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 2.2  | 0.20 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-07  
 Client ID: SR1-12\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:00  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.72 | 0.20 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.9  | 0.21 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.9  | 0.21 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.9  | 0.25 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.9  | 0.29 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.9  | 0.81 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.4  | 0.42 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.4  | 0.42 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.4  | 0.25 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.4  | 0.20 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.9  | 0.34 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.4  | 0.28 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 14   | 1.3  | 1               |
| Acetone                                             | ND     |           | ug/kg | 14   | 7.0  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 14   | 6.6  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 14   | 3.2  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 14   | 3.1  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 14   | 1.8  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.9  | 0.18 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 14   | 1.7  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.9  | 0.30 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.9  | 0.29 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.4  | 0.40 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.9  | 0.24 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.72 | 0.19 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.9  | 0.21 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.4  | 0.24 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.4  | 0.21 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.9  | 0.17 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.9  | 0.28 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.9  | 0.16 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 4.3  | 1.4  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 5.8  | 0.24 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.4  | 0.16 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.4  | 0.16 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 5.8  | 0.94 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 5.8  | 1.7  | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-07**Date Collected:** 05/17/23 12:00**Client ID:** SR1-12\_14-16**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.4 | 0.25 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.9 | 0.46 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.9 | 0.39 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.9 | 0.28 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.9 | 0.48 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 120 | 51.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.9 | 0.26 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.9 | 0.56 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.9 | 0.28 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.9 | 0.49 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 7.2 | 2.0  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 107        |           | 70-130              |
| Toluene-d8            | 96         |           | 70-130              |
| 4-Bromofluorobenzene  | 95         |           | 70-130              |
| Dibromofluoromethane  | 104        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-08  
 Client ID: SR1-12\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:05  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/23/23 15:30  
 Analyst: JIC  
 Percent Solids: 80%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.6  | 2.6  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.1  | 0.16 | 1               |
| Chloroform                                          | 0.79   | J         | ug/kg | 1.7  | 0.16 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.1  | 0.26 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.1  | 0.14 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.1  | 0.16 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.1  | 0.30 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.56 | 0.22 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.56 | 0.14 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.5  | 0.78 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.1  | 0.29 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.56 | 0.19 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.56 | 0.12 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.1  | 0.31 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.56 | 0.18 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.56 | 0.18 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.56 | 0.18 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.5  | 0.28 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.56 | 0.19 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.56 | 0.19 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.1  | 0.61 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.1  | 0.16 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.5  | 1.0  | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.2  | 0.65 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.1  | 0.38 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.2  | 0.51 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.1  | 0.27 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.7  | 0.15 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-08**Date Collected:** 05/17/23 12:05**Client ID:** SR1-12\_20-22**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.56 | 0.15 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.2  | 0.16 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.2  | 0.17 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.2  | 0.19 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.2  | 0.23 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.2  | 0.63 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.1  | 0.33 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.1  | 0.33 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.1  | 0.20 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.1  | 0.15 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.2  | 0.27 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.1  | 0.22 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 11   | 1.0  | 1               |
| Acetone                                             | ND     |           | ug/kg | 11   | 5.4  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 11   | 5.1  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 11   | 2.5  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 11   | 2.4  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 11   | 1.4  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.2  | 0.14 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 11   | 1.3  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.2  | 0.23 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.2  | 0.23 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.1  | 0.31 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.2  | 0.19 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.56 | 0.15 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.2  | 0.16 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.1  | 0.19 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.1  | 0.16 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.2  | 0.13 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.2  | 0.22 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.2  | 0.12 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.4  | 1.1  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.5  | 0.19 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.1  | 0.12 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.1  | 0.12 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 4.5  | 0.73 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.5  | 1.3  | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-08

Date Collected: 05/17/23 12:05

Client ID: SR1-12\_20-22

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.1 | 0.19 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.2 | 0.36 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.2 | 0.31 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.2 | 0.22 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.2 | 0.38 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 90  | 40.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.2 | 0.20 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.2 | 0.43 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.2 | 0.22 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.2 | 0.38 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.6 | 1.6  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 139        | Q         | 70-130              |
| Toluene-d8            | 96         |           | 70-130              |
| 4-Bromofluorobenzene  | 94         |           | 70-130              |
| Dibromofluoromethane  | 125        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-09  
 Client ID: SR1-12\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:10  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 05/23/23 15:58  
 Analyst: JIC  
 Percent Solids: 89%

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                                  | ND     |           | ug/kg | 5.4  | 2.5  | 1               |
| 1,1-Dichloroethane                                  | ND     |           | ug/kg | 1.1  | 0.16 | 1               |
| Chloroform                                          | ND     |           | ug/kg | 1.6  | 0.15 | 1               |
| Carbon tetrachloride                                | ND     |           | ug/kg | 1.1  | 0.25 | 1               |
| 1,2-Dichloropropane                                 | ND     |           | ug/kg | 1.1  | 0.13 | 1               |
| Dibromochloromethane                                | ND     |           | ug/kg | 1.1  | 0.15 | 1               |
| 1,1,2-Trichloroethane                               | ND     |           | ug/kg | 1.1  | 0.29 | 1               |
| Tetrachloroethene                                   | ND     |           | ug/kg | 0.54 | 0.21 | 1               |
| Chlorobenzene                                       | ND     |           | ug/kg | 0.54 | 0.14 | 1               |
| Trichlorofluoromethane                              | ND     |           | ug/kg | 4.3  | 0.75 | 1               |
| 1,2-Dichloroethane                                  | ND     |           | ug/kg | 1.1  | 0.28 | 1               |
| 1,1,1-Trichloroethane                               | ND     |           | ug/kg | 0.54 | 0.18 | 1               |
| Bromodichloromethane                                | ND     |           | ug/kg | 0.54 | 0.12 | 1               |
| trans-1,3-Dichloropropene                           | ND     |           | ug/kg | 1.1  | 0.29 | 1               |
| cis-1,3-Dichloropropene                             | ND     |           | ug/kg | 0.54 | 0.17 | 1               |
| 1,3-Dichloropropene, Total                          | ND     |           | ug/kg | 0.54 | 0.17 | 1               |
| 1,1-Dichloropropene                                 | ND     |           | ug/kg | 0.54 | 0.17 | 1               |
| Bromoform                                           | ND     |           | ug/kg | 4.3  | 0.26 | 1               |
| 1,1,2,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.54 | 0.18 | 1               |
| Benzene                                             | ND     |           | ug/kg | 0.54 | 0.18 | 1               |
| Toluene                                             | ND     |           | ug/kg | 1.1  | 0.58 | 1               |
| Ethylbenzene                                        | ND     |           | ug/kg | 1.1  | 0.15 | 1               |
| Chloromethane                                       | ND     |           | ug/kg | 4.3  | 1.0  | 1               |
| Bromomethane                                        | ND     |           | ug/kg | 2.1  | 0.62 | 1               |
| Vinyl chloride                                      | ND     |           | ug/kg | 1.1  | 0.36 | 1               |
| Chloroethane                                        | ND     |           | ug/kg | 2.1  | 0.48 | 1               |
| 1,1-Dichloroethene                                  | ND     |           | ug/kg | 1.1  | 0.26 | 1               |
| trans-1,2-Dichloroethene                            | ND     |           | ug/kg | 1.6  | 0.15 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-09  
 Client ID: SR1-12\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:10  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                           | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                                     | ND     |           | ug/kg | 0.54 | 0.15 | 1               |
| 1,2-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.15 | 1               |
| 1,3-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.16 | 1               |
| 1,4-Dichlorobenzene                                 | ND     |           | ug/kg | 2.1  | 0.18 | 1               |
| Methyl tert butyl ether                             | ND     |           | ug/kg | 2.1  | 0.22 | 1               |
| p/m-Xylene                                          | ND     |           | ug/kg | 2.1  | 0.60 | 1               |
| o-Xylene                                            | ND     |           | ug/kg | 1.1  | 0.31 | 1               |
| Xylenes, Total                                      | ND     |           | ug/kg | 1.1  | 0.31 | 1               |
| cis-1,2-Dichloroethene                              | ND     |           | ug/kg | 1.1  | 0.19 | 1               |
| 1,2-Dichloroethene, Total                           | ND     |           | ug/kg | 1.1  | 0.15 | 1               |
| Dibromomethane                                      | ND     |           | ug/kg | 2.1  | 0.26 | 1               |
| Styrene                                             | ND     |           | ug/kg | 1.1  | 0.21 | 1               |
| Dichlorodifluoromethane                             | ND     |           | ug/kg | 11   | 0.98 | 1               |
| Acetone                                             | ND     |           | ug/kg | 11   | 5.2  | 1               |
| Carbon disulfide                                    | ND     |           | ug/kg | 11   | 4.9  | 1               |
| 2-Butanone                                          | ND     |           | ug/kg | 11   | 2.4  | 1               |
| Vinyl acetate                                       | ND     |           | ug/kg | 11   | 2.3  | 1               |
| 4-Methyl-2-pentanone                                | ND     |           | ug/kg | 11   | 1.4  | 1               |
| 1,2,3-Trichloropropane                              | ND     |           | ug/kg | 2.1  | 0.14 | 1               |
| 2-Hexanone                                          | ND     |           | ug/kg | 11   | 1.3  | 1               |
| Bromochloromethane                                  | ND     |           | ug/kg | 2.1  | 0.22 | 1               |
| 2,2-Dichloropropane                                 | ND     |           | ug/kg | 2.1  | 0.22 | 1               |
| 1,2-Dibromoethane                                   | ND     |           | ug/kg | 1.1  | 0.30 | 1               |
| 1,3-Dichloropropane                                 | ND     |           | ug/kg | 2.1  | 0.18 | 1               |
| 1,1,1,2-Tetrachloroethane                           | ND     |           | ug/kg | 0.54 | 0.14 | 1               |
| Bromobenzene                                        | ND     |           | ug/kg | 2.1  | 0.16 | 1               |
| n-Butylbenzene                                      | ND     |           | ug/kg | 1.1  | 0.18 | 1               |
| sec-Butylbenzene                                    | ND     |           | ug/kg | 1.1  | 0.16 | 1               |
| tert-Butylbenzene                                   | ND     |           | ug/kg | 2.1  | 0.13 | 1               |
| o-Chlorotoluene                                     | ND     |           | ug/kg | 2.1  | 0.20 | 1               |
| p-Chlorotoluene                                     | ND     |           | ug/kg | 2.1  | 0.12 | 1               |
| 1,2-Dibromo-3-chloropropane                         | ND     |           | ug/kg | 3.2  | 1.1  | 1               |
| Hexachlorobutadiene                                 | ND     |           | ug/kg | 4.3  | 0.18 | 1               |
| Isopropylbenzene                                    | ND     |           | ug/kg | 1.1  | 0.12 | 1               |
| p-Isopropyltoluene                                  | ND     |           | ug/kg | 1.1  | 0.12 | 1               |
| Naphthalene                                         | ND     |           | ug/kg | 4.3  | 0.70 | 1               |
| Acrylonitrile                                       | ND     |           | ug/kg | 4.3  | 1.2  | 1               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-09**Date Collected:** 05/17/23 12:10**Client ID:** SR1-12\_26-28**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                           | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|-----------------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                                     | ND     |           | ug/kg | 1.1 | 0.18 | 1               |
| 1,2,3-Trichlorobenzene                              | ND     |           | ug/kg | 2.1 | 0.35 | 1               |
| 1,2,4-Trichlorobenzene                              | ND     |           | ug/kg | 2.1 | 0.29 | 1               |
| 1,3,5-Trimethylbenzene                              | ND     |           | ug/kg | 2.1 | 0.21 | 1               |
| 1,2,4-Trimethylbenzene                              | ND     |           | ug/kg | 2.1 | 0.36 | 1               |
| 1,4-Dioxane                                         | ND     |           | ug/kg | 86  | 38.  | 1               |
| p-Diethylbenzene                                    | ND     |           | ug/kg | 2.1 | 0.19 | 1               |
| p-Ethyltoluene                                      | ND     |           | ug/kg | 2.1 | 0.41 | 1               |
| 1,2,4,5-Tetramethylbenzene                          | ND     |           | ug/kg | 2.1 | 0.20 | 1               |
| Ethyl ether                                         | ND     |           | ug/kg | 2.1 | 0.37 | 1               |
| trans-1,4-Dichloro-2-butene                         | ND     |           | ug/kg | 5.4 | 1.5  | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 138        | Q         | 70-130              |
| Toluene-d8            | 99         |           | 70-130              |
| 4-Bromofluorobenzene  | 91         |           | 70-130              |
| Dibromofluoromethane  | 124        |           | 70-130              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-10  
 Client ID: TRIP BLANK  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 00:00  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8260D  
 Analytical Date: 05/24/23 09:13  
 Analyst: PID

| Parameter                                    | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|----------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab |        |           |       |      |      |                 |
| Methylene chloride                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,1-Dichloroethane                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Chloroform                                   | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Carbon tetrachloride                         | ND     |           | ug/l  | 0.50 | 0.13 | 1               |
| 1,2-Dichloropropane                          | ND     |           | ug/l  | 1.0  | 0.14 | 1               |
| Dibromochloromethane                         | ND     |           | ug/l  | 0.50 | 0.15 | 1               |
| 1,1,2-Trichloroethane                        | ND     |           | ug/l  | 1.5  | 0.50 | 1               |
| Tetrachloroethene                            | ND     |           | ug/l  | 0.50 | 0.18 | 1               |
| Chlorobenzene                                | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Trichlorofluoromethane                       | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dichloroethane                           | ND     |           | ug/l  | 0.50 | 0.13 | 1               |
| 1,1,1-Trichloroethane                        | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromodichloromethane                         | ND     |           | ug/l  | 0.50 | 0.19 | 1               |
| trans-1,3-Dichloropropene                    | ND     |           | ug/l  | 0.50 | 0.16 | 1               |
| cis-1,3-Dichloropropene                      | ND     |           | ug/l  | 0.50 | 0.14 | 1               |
| 1,3-Dichloropropene, Total                   | ND     |           | ug/l  | 0.50 | 0.14 | 1               |
| 1,1-Dichloropropene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromoform                                    | ND     |           | ug/l  | 2.0  | 0.65 | 1               |
| 1,1,2,2-Tetrachloroethane                    | ND     |           | ug/l  | 0.50 | 0.17 | 1               |
| Benzene                                      | ND     |           | ug/l  | 0.50 | 0.16 | 1               |
| Toluene                                      | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Ethylbenzene                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Chloromethane                                | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromomethane                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Vinyl chloride                               | ND     |           | ug/l  | 1.0  | 0.07 | 1               |
| Chloroethane                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,1-Dichloroethene                           | ND     |           | ug/l  | 0.50 | 0.17 | 1               |
| trans-1,2-Dichloroethene                     | ND     |           | ug/l  | 2.5  | 0.70 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-10**Date Collected:** 05/17/23 00:00**Client ID:** TRIP BLANK**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                    | Result | Qualifier | Units | RL   | MDL  | Dilution Factor |
|----------------------------------------------|--------|-----------|-------|------|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab |        |           |       |      |      |                 |
| Trichloroethene                              | ND     |           | ug/l  | 0.50 | 0.18 | 1               |
| 1,2-Dichlorobenzene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,3-Dichlorobenzene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,4-Dichlorobenzene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Methyl tert butyl ether                      | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| p/m-Xylene                                   | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| o-Xylene                                     | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Xylenes, Total                               | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| cis-1,2-Dichloroethene                       | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dichloroethene, Total                    | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Dibromomethane                               | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 1,2,3-Trichloropropane                       | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Acrylonitrile                                | ND     |           | ug/l  | 5.0  | 1.5  | 1               |
| Styrene                                      | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Dichlorodifluoromethane                      | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| Acetone                                      | ND     |           | ug/l  | 5.0  | 1.5  | 1               |
| Carbon disulfide                             | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 2-Butanone                                   | ND     |           | ug/l  | 5.0  | 1.9  | 1               |
| Vinyl acetate                                | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 4-Methyl-2-pentanone                         | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| 2-Hexanone                                   | ND     |           | ug/l  | 5.0  | 1.0  | 1               |
| Bromochloromethane                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 2,2-Dichloropropane                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dibromoethane                            | ND     |           | ug/l  | 2.0  | 0.65 | 1               |
| 1,3-Dichloropropane                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,1,1,2-Tetrachloroethane                    | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Bromobenzene                                 | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| n-Butylbenzene                               | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| sec-Butylbenzene                             | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| tert-Butylbenzene                            | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| o-Chlorotoluene                              | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| p-Chlorotoluene                              | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| 1,2-Dibromo-3-chloropropane                  | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Hexachlorobutadiene                          | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Isopropylbenzene                             | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| p-Isopropyltoluene                           | ND     |           | ug/l  | 2.5  | 0.70 | 1               |
| Naphthalene                                  | ND     |           | ug/l  | 2.5  | 0.70 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-10

Date Collected: 05/17/23 00:00

Client ID: TRIP BLANK

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                    | Result | Qualifier | Units | RL  | MDL  | Dilution Factor |
|----------------------------------------------|--------|-----------|-------|-----|------|-----------------|
| Volatile Organics by GC/MS - Westborough Lab |        |           |       |     |      |                 |
| n-Propylbenzene                              | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,2,3-Trichlorobenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,2,4-Trichlorobenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,3,5-Trimethylbenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,2,4-Trimethylbenzene                       | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| 1,4-Dioxane                                  | ND     |           | ug/l  | 250 | 61.  | 1               |
| p-Diethylbenzene                             | ND     |           | ug/l  | 2.0 | 0.70 | 1               |
| p-Ethyltoluene                               | ND     |           | ug/l  | 2.0 | 0.70 | 1               |
| 1,2,4,5-Tetramethylbenzene                   | ND     |           | ug/l  | 2.0 | 0.54 | 1               |
| Ethyl ether                                  | ND     |           | ug/l  | 2.5 | 0.70 | 1               |
| trans-1,4-Dichloro-2-butene                  | ND     |           | ug/l  | 2.5 | 0.70 | 1               |

| Surrogate             | % Recovery | Qualifier | Acceptance Criteria |
|-----------------------|------------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 91         |           | 70-130              |
| Toluene-d8            | 84         |           | 70-130              |
| 4-Bromofluorobenzene  | 86         |           | 70-130              |
| Dibromofluoromethane  | 88         |           | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
 Analytical Date: 05/23/23 09:09  
 Analyst: AJK

| Parameter                                                                                               | Result | Qualifier | Units | RL   | MDL  |
|---------------------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-06,08-09 Batch: WG1782734-5 |        |           |       |      |      |
| Methylene chloride                                                                                      | ND     |           | ug/kg | 5.0  | 2.3  |
| 1,1-Dichloroethane                                                                                      | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloroform                                                                                              | ND     |           | ug/kg | 1.5  | 0.14 |
| Carbon tetrachloride                                                                                    | ND     |           | ug/kg | 1.0  | 0.23 |
| 1,2-Dichloropropane                                                                                     | ND     |           | ug/kg | 1.0  | 0.12 |
| Dibromochloromethane                                                                                    | ND     |           | ug/kg | 1.0  | 0.14 |
| 1,1,2-Trichloroethane                                                                                   | ND     |           | ug/kg | 1.0  | 0.27 |
| Tetrachloroethene                                                                                       | ND     |           | ug/kg | 0.50 | 0.20 |
| Chlorobenzene                                                                                           | ND     |           | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane                                                                                  | ND     |           | ug/kg | 4.0  | 0.70 |
| 1,2-Dichloroethane                                                                                      | ND     |           | ug/kg | 1.0  | 0.26 |
| 1,1,1-Trichloroethane                                                                                   | ND     |           | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane                                                                                    | ND     |           | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene                                                                               | ND     |           | ug/kg | 1.0  | 0.27 |
| cis-1,3-Dichloropropene                                                                                 | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,3-Dichloropropene, Total                                                                              | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,1-Dichloropropene                                                                                     | ND     |           | ug/kg | 0.50 | 0.16 |
| Bromoform                                                                                               | ND     |           | ug/kg | 4.0  | 0.25 |
| 1,1,2,2-Tetrachloroethane                                                                               | ND     |           | ug/kg | 0.50 | 0.17 |
| Benzene                                                                                                 | ND     |           | ug/kg | 0.50 | 0.17 |
| Toluene                                                                                                 | ND     |           | ug/kg | 1.0  | 0.54 |
| Ethylbenzene                                                                                            | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloromethane                                                                                           | ND     |           | ug/kg | 4.0  | 0.93 |
| Bromomethane                                                                                            | 0.87   | J         | ug/kg | 2.0  | 0.58 |
| Vinyl chloride                                                                                          | ND     |           | ug/kg | 1.0  | 0.34 |
| Chloroethane                                                                                            | ND     |           | ug/kg | 2.0  | 0.45 |
| 1,1-Dichloroethene                                                                                      | ND     |           | ug/kg | 1.0  | 0.24 |
| trans-1,2-Dichloroethene                                                                                | ND     |           | ug/kg | 1.5  | 0.14 |
| Trichloroethene                                                                                         | ND     |           | ug/kg | 0.50 | 0.14 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 05/23/23 09:09  
 Analyst: AJK

| Parameter                                                                                               | Result | Qualifier | Units | RL   | MDL  |
|---------------------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-06,08-09 Batch: WG1782734-5 |        |           |       |      |      |
| 1,2-Dichlorobenzene                                                                                     | ND     |           | ug/kg | 2.0  | 0.14 |
| 1,3-Dichlorobenzene                                                                                     | ND     |           | ug/kg | 2.0  | 0.15 |
| 1,4-Dichlorobenzene                                                                                     | ND     |           | ug/kg | 2.0  | 0.17 |
| Methyl tert butyl ether                                                                                 | ND     |           | ug/kg | 2.0  | 0.20 |
| p/m-Xylene                                                                                              | ND     |           | ug/kg | 2.0  | 0.56 |
| o-Xylene                                                                                                | ND     |           | ug/kg | 1.0  | 0.29 |
| Xylenes, Total                                                                                          | ND     |           | ug/kg | 1.0  | 0.29 |
| cis-1,2-Dichloroethene                                                                                  | ND     |           | ug/kg | 1.0  | 0.18 |
| 1,2-Dichloroethene, Total                                                                               | ND     |           | ug/kg | 1.0  | 0.14 |
| Dibromomethane                                                                                          | ND     |           | ug/kg | 2.0  | 0.24 |
| Styrene                                                                                                 | ND     |           | ug/kg | 1.0  | 0.20 |
| Dichlorodifluoromethane                                                                                 | ND     |           | ug/kg | 10   | 0.92 |
| Acetone                                                                                                 | ND     |           | ug/kg | 10   | 4.8  |
| Carbon disulfide                                                                                        | ND     |           | ug/kg | 10   | 4.6  |
| 2-Butanone                                                                                              | ND     |           | ug/kg | 10   | 2.2  |
| Vinyl acetate                                                                                           | ND     |           | ug/kg | 10   | 2.2  |
| 4-Methyl-2-pentanone                                                                                    | ND     |           | ug/kg | 10   | 1.3  |
| 1,2,3-Trichloropropane                                                                                  | ND     |           | ug/kg | 2.0  | 0.13 |
| 2-Hexanone                                                                                              | ND     |           | ug/kg | 10   | 1.2  |
| Bromochloromethane                                                                                      | ND     |           | ug/kg | 2.0  | 0.20 |
| 2,2-Dichloropropane                                                                                     | ND     |           | ug/kg | 2.0  | 0.20 |
| 1,2-Dibromoethane                                                                                       | ND     |           | ug/kg | 1.0  | 0.28 |
| 1,3-Dichloropropane                                                                                     | ND     |           | ug/kg | 2.0  | 0.17 |
| 1,1,1,2-Tetrachloroethane                                                                               | ND     |           | ug/kg | 0.50 | 0.13 |
| Bromobenzene                                                                                            | ND     |           | ug/kg | 2.0  | 0.14 |
| n-Butylbenzene                                                                                          | ND     |           | ug/kg | 1.0  | 0.17 |
| sec-Butylbenzene                                                                                        | ND     |           | ug/kg | 1.0  | 0.15 |
| tert-Butylbenzene                                                                                       | ND     |           | ug/kg | 2.0  | 0.12 |
| o-Chlorotoluene                                                                                         | ND     |           | ug/kg | 2.0  | 0.19 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/23/23 09:09  
**Analyst:** AJK

| Parameter                                                                                               | Result | Qualifier | Units | RL  | MDL  |
|---------------------------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-06,08-09 Batch: WG1782734-5 |        |           |       |     |      |
| p-Chlorotoluene                                                                                         | ND     |           | ug/kg | 2.0 | 0.11 |
| 1,2-Dibromo-3-chloropropane                                                                             | ND     |           | ug/kg | 3.0 | 1.0  |
| Hexachlorobutadiene                                                                                     | ND     |           | ug/kg | 4.0 | 0.17 |
| Isopropylbenzene                                                                                        | ND     |           | ug/kg | 1.0 | 0.11 |
| p-Isopropyltoluene                                                                                      | ND     |           | ug/kg | 1.0 | 0.11 |
| Naphthalene                                                                                             | ND     |           | ug/kg | 4.0 | 0.65 |
| Acrylonitrile                                                                                           | ND     |           | ug/kg | 4.0 | 1.2  |
| n-Propylbenzene                                                                                         | ND     |           | ug/kg | 1.0 | 0.17 |
| 1,2,3-Trichlorobenzene                                                                                  | ND     |           | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene                                                                                  | ND     |           | ug/kg | 2.0 | 0.27 |
| 1,3,5-Trimethylbenzene                                                                                  | ND     |           | ug/kg | 2.0 | 0.19 |
| 1,2,4-Trimethylbenzene                                                                                  | ND     |           | ug/kg | 2.0 | 0.33 |
| 1,4-Dioxane                                                                                             | ND     |           | ug/kg | 80  | 35.  |
| p-Diethylbenzene                                                                                        | ND     |           | ug/kg | 2.0 | 0.18 |
| p-Ethyltoluene                                                                                          | ND     |           | ug/kg | 2.0 | 0.38 |
| 1,2,4,5-Tetramethylbenzene                                                                              | ND     |           | ug/kg | 2.0 | 0.19 |
| Ethyl ether                                                                                             | ND     |           | ug/kg | 2.0 | 0.34 |
| trans-1,4-Dichloro-2-butene                                                                             | ND     |           | ug/kg | 5.0 | 1.4  |

| Surrogate             | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 123       |           | 70-130              |
| Toluene-d8            | 97        |           | 70-130              |
| 4-Bromofluorobenzene  | 98        |           | 70-130              |
| Dibromofluoromethane  | 113       |           | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/23/23 21:45  
**Analyst:** JIC

| Parameter                                                                                | Result | Qualifier | Units | RL   | MDL  |
|------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1782741-5 |        |           |       |      |      |
| Methylene chloride                                                                       | ND     |           | ug/kg | 5.0  | 2.3  |
| 1,1-Dichloroethane                                                                       | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloroform                                                                               | ND     |           | ug/kg | 1.5  | 0.14 |
| Carbon tetrachloride                                                                     | ND     |           | ug/kg | 1.0  | 0.23 |
| 1,2-Dichloropropane                                                                      | ND     |           | ug/kg | 1.0  | 0.12 |
| Dibromochloromethane                                                                     | ND     |           | ug/kg | 1.0  | 0.14 |
| 1,1,2-Trichloroethane                                                                    | ND     |           | ug/kg | 1.0  | 0.27 |
| Tetrachloroethene                                                                        | ND     |           | ug/kg | 0.50 | 0.20 |
| Chlorobenzene                                                                            | ND     |           | ug/kg | 0.50 | 0.13 |
| Trichlorofluoromethane                                                                   | ND     |           | ug/kg | 4.0  | 0.70 |
| 1,2-Dichloroethane                                                                       | ND     |           | ug/kg | 1.0  | 0.26 |
| 1,1,1-Trichloroethane                                                                    | ND     |           | ug/kg | 0.50 | 0.17 |
| Bromodichloromethane                                                                     | ND     |           | ug/kg | 0.50 | 0.11 |
| trans-1,3-Dichloropropene                                                                | ND     |           | ug/kg | 1.0  | 0.27 |
| cis-1,3-Dichloropropene                                                                  | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,3-Dichloropropene, Total                                                               | ND     |           | ug/kg | 0.50 | 0.16 |
| 1,1-Dichloropropene                                                                      | ND     |           | ug/kg | 0.50 | 0.16 |
| Bromoform                                                                                | ND     |           | ug/kg | 4.0  | 0.25 |
| 1,1,2,2-Tetrachloroethane                                                                | ND     |           | ug/kg | 0.50 | 0.17 |
| Benzene                                                                                  | ND     |           | ug/kg | 0.50 | 0.17 |
| Toluene                                                                                  | ND     |           | ug/kg | 1.0  | 0.54 |
| Ethylbenzene                                                                             | ND     |           | ug/kg | 1.0  | 0.14 |
| Chloromethane                                                                            | ND     |           | ug/kg | 4.0  | 0.93 |
| Bromomethane                                                                             | ND     |           | ug/kg | 2.0  | 0.58 |
| Vinyl chloride                                                                           | ND     |           | ug/kg | 1.0  | 0.34 |
| Chloroethane                                                                             | ND     |           | ug/kg | 2.0  | 0.45 |
| 1,1-Dichloroethene                                                                       | ND     |           | ug/kg | 1.0  | 0.24 |
| trans-1,2-Dichloroethene                                                                 | ND     |           | ug/kg | 1.5  | 0.14 |
| Trichloroethene                                                                          | ND     |           | ug/kg | 0.50 | 0.14 |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 05/23/23 21:45  
 Analyst: JIC

| Parameter                                                                                | Result | Qualifier | Units | RL   | MDL  |
|------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1782741-5 |        |           |       |      |      |
| 1,2-Dichlorobenzene                                                                      | ND     |           | ug/kg | 2.0  | 0.14 |
| 1,3-Dichlorobenzene                                                                      | ND     |           | ug/kg | 2.0  | 0.15 |
| 1,4-Dichlorobenzene                                                                      | ND     |           | ug/kg | 2.0  | 0.17 |
| Methyl tert butyl ether                                                                  | ND     |           | ug/kg | 2.0  | 0.20 |
| p/m-Xylene                                                                               | ND     |           | ug/kg | 2.0  | 0.56 |
| o-Xylene                                                                                 | ND     |           | ug/kg | 1.0  | 0.29 |
| Xylenes, Total                                                                           | ND     |           | ug/kg | 1.0  | 0.29 |
| cis-1,2-Dichloroethene                                                                   | ND     |           | ug/kg | 1.0  | 0.18 |
| 1,2-Dichloroethene, Total                                                                | ND     |           | ug/kg | 1.0  | 0.14 |
| Dibromomethane                                                                           | ND     |           | ug/kg | 2.0  | 0.24 |
| Styrene                                                                                  | ND     |           | ug/kg | 1.0  | 0.20 |
| Dichlorodifluoromethane                                                                  | ND     |           | ug/kg | 10   | 0.92 |
| Acetone                                                                                  | ND     |           | ug/kg | 10   | 4.8  |
| Carbon disulfide                                                                         | ND     |           | ug/kg | 10   | 4.6  |
| 2-Butanone                                                                               | ND     |           | ug/kg | 10   | 2.2  |
| Vinyl acetate                                                                            | ND     |           | ug/kg | 10   | 2.2  |
| 4-Methyl-2-pentanone                                                                     | ND     |           | ug/kg | 10   | 1.3  |
| 1,2,3-Trichloropropane                                                                   | ND     |           | ug/kg | 2.0  | 0.13 |
| 2-Hexanone                                                                               | ND     |           | ug/kg | 10   | 1.2  |
| Bromochloromethane                                                                       | ND     |           | ug/kg | 2.0  | 0.20 |
| 2,2-Dichloropropane                                                                      | ND     |           | ug/kg | 2.0  | 0.20 |
| 1,2-Dibromoethane                                                                        | ND     |           | ug/kg | 1.0  | 0.28 |
| 1,3-Dichloropropane                                                                      | ND     |           | ug/kg | 2.0  | 0.17 |
| 1,1,1,2-Tetrachloroethane                                                                | ND     |           | ug/kg | 0.50 | 0.13 |
| Bromobenzene                                                                             | ND     |           | ug/kg | 2.0  | 0.14 |
| n-Butylbenzene                                                                           | ND     |           | ug/kg | 1.0  | 0.17 |
| sec-Butylbenzene                                                                         | ND     |           | ug/kg | 1.0  | 0.15 |
| tert-Butylbenzene                                                                        | ND     |           | ug/kg | 2.0  | 0.12 |
| o-Chlorotoluene                                                                          | ND     |           | ug/kg | 2.0  | 0.19 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/23/23 21:45  
**Analyst:** JIC

| Parameter                                                                                | Result | Qualifier | Units | RL  | MDL  |
|------------------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1782741-5 |        |           |       |     |      |
| p-Chlorotoluene                                                                          | ND     |           | ug/kg | 2.0 | 0.11 |
| 1,2-Dibromo-3-chloropropane                                                              | ND     |           | ug/kg | 3.0 | 1.0  |
| Hexachlorobutadiene                                                                      | ND     |           | ug/kg | 4.0 | 0.17 |
| Isopropylbenzene                                                                         | ND     |           | ug/kg | 1.0 | 0.11 |
| p-Isopropyltoluene                                                                       | ND     |           | ug/kg | 1.0 | 0.11 |
| Naphthalene                                                                              | ND     |           | ug/kg | 4.0 | 0.65 |
| Acrylonitrile                                                                            | ND     |           | ug/kg | 4.0 | 1.2  |
| n-Propylbenzene                                                                          | ND     |           | ug/kg | 1.0 | 0.17 |
| 1,2,3-Trichlorobenzene                                                                   | ND     |           | ug/kg | 2.0 | 0.32 |
| 1,2,4-Trichlorobenzene                                                                   | ND     |           | ug/kg | 2.0 | 0.27 |
| 1,3,5-Trimethylbenzene                                                                   | ND     |           | ug/kg | 2.0 | 0.19 |
| 1,2,4-Trimethylbenzene                                                                   | ND     |           | ug/kg | 2.0 | 0.33 |
| 1,4-Dioxane                                                                              | ND     |           | ug/kg | 80  | 35.  |
| p-Diethylbenzene                                                                         | ND     |           | ug/kg | 2.0 | 0.18 |
| p-Ethyltoluene                                                                           | ND     |           | ug/kg | 2.0 | 0.38 |
| 1,2,4,5-Tetramethylbenzene                                                               | ND     |           | ug/kg | 2.0 | 0.19 |
| Ethyl ether                                                                              | ND     |           | ug/kg | 2.0 | 0.34 |
| trans-1,4-Dichloro-2-butene                                                              | ND     |           | ug/kg | 5.0 | 1.4  |

| Surrogate             | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 103       |           | 70-130              |
| Toluene-d8            | 99        |           | 70-130              |
| 4-Bromofluorobenzene  | 93        |           | 70-130              |
| Dibromofluoromethane  | 101       |           | 70-130              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
 Analytical Date: 05/24/23 08:32  
 Analyst: PID

| Parameter                                                                         | Result | Qualifier | Units | RL   | MDL  |
|-----------------------------------------------------------------------------------|--------|-----------|-------|------|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1782854-5 |        |           |       |      |      |
| Methylene chloride                                                                | ND     |           | ug/l  | 2.5  | 0.70 |
| 1,1-Dichloroethane                                                                | ND     |           | ug/l  | 2.5  | 0.70 |
| Chloroform                                                                        | ND     |           | ug/l  | 2.5  | 0.70 |
| Carbon tetrachloride                                                              | ND     |           | ug/l  | 0.50 | 0.13 |
| 1,2-Dichloropropane                                                               | ND     |           | ug/l  | 1.0  | 0.14 |
| Dibromochloromethane                                                              | ND     |           | ug/l  | 0.50 | 0.15 |
| 1,1,2-Trichloroethane                                                             | ND     |           | ug/l  | 1.5  | 0.50 |
| Tetrachloroethene                                                                 | ND     |           | ug/l  | 0.50 | 0.18 |
| Chlorobenzene                                                                     | ND     |           | ug/l  | 2.5  | 0.70 |
| Trichlorofluoromethane                                                            | ND     |           | ug/l  | 2.5  | 0.70 |
| 1,2-Dichloroethane                                                                | ND     |           | ug/l  | 0.50 | 0.13 |
| 1,1,1-Trichloroethane                                                             | ND     |           | ug/l  | 2.5  | 0.70 |
| Bromodichloromethane                                                              | ND     |           | ug/l  | 0.50 | 0.19 |
| trans-1,3-Dichloropropene                                                         | ND     |           | ug/l  | 0.50 | 0.16 |
| cis-1,3-Dichloropropene                                                           | ND     |           | ug/l  | 0.50 | 0.14 |
| 1,3-Dichloropropene, Total                                                        | ND     |           | ug/l  | 0.50 | 0.14 |
| 1,1-Dichloropropene                                                               | ND     |           | ug/l  | 2.5  | 0.70 |
| Bromoform                                                                         | ND     |           | ug/l  | 2.0  | 0.65 |
| 1,1,1,2-Tetrachloroethane                                                         | ND     |           | ug/l  | 0.50 | 0.17 |
| Benzene                                                                           | ND     |           | ug/l  | 0.50 | 0.16 |
| Toluene                                                                           | ND     |           | ug/l  | 2.5  | 0.70 |
| Ethylbenzene                                                                      | ND     |           | ug/l  | 2.5  | 0.70 |
| Chloromethane                                                                     | ND     |           | ug/l  | 2.5  | 0.70 |
| Bromomethane                                                                      | ND     |           | ug/l  | 2.5  | 0.70 |
| Vinyl chloride                                                                    | ND     |           | ug/l  | 1.0  | 0.07 |
| Chloroethane                                                                      | ND     |           | ug/l  | 2.5  | 0.70 |
| 1,1-Dichloroethene                                                                | ND     |           | ug/l  | 0.50 | 0.17 |
| trans-1,2-Dichloroethene                                                          | ND     |           | ug/l  | 2.5  | 0.70 |
| Trichloroethene                                                                   | ND     |           | ug/l  | 0.50 | 0.18 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 05/24/23 08:32  
Analyst: PID

| Parameter                                                                         | Result | Qualifier | Units | RL  | MDL  |
|-----------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1782854-5 |        |           |       |     |      |
| 1,2-Dichlorobenzene                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,3-Dichlorobenzene                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,4-Dichlorobenzene                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| Methyl tert butyl ether                                                           | ND     |           | ug/l  | 2.5 | 0.70 |
| p/m-Xylene                                                                        | ND     |           | ug/l  | 2.5 | 0.70 |
| o-Xylene                                                                          | ND     |           | ug/l  | 2.5 | 0.70 |
| Xylenes, Total                                                                    | ND     |           | ug/l  | 2.5 | 0.70 |
| cis-1,2-Dichloroethene                                                            | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2-Dichloroethene, Total                                                         | ND     |           | ug/l  | 2.5 | 0.70 |
| Dibromomethane                                                                    | ND     |           | ug/l  | 5.0 | 1.0  |
| 1,2,3-Trichloropropane                                                            | ND     |           | ug/l  | 2.5 | 0.70 |
| Acrylonitrile                                                                     | ND     |           | ug/l  | 5.0 | 1.5  |
| Styrene                                                                           | ND     |           | ug/l  | 2.5 | 0.70 |
| Dichlorodifluoromethane                                                           | ND     |           | ug/l  | 5.0 | 1.0  |
| Acetone                                                                           | ND     |           | ug/l  | 5.0 | 1.5  |
| Carbon disulfide                                                                  | ND     |           | ug/l  | 5.0 | 1.0  |
| 2-Butanone                                                                        | ND     |           | ug/l  | 5.0 | 1.9  |
| Vinyl acetate                                                                     | ND     |           | ug/l  | 5.0 | 1.0  |
| 4-Methyl-2-pentanone                                                              | ND     |           | ug/l  | 5.0 | 1.0  |
| 2-Hexanone                                                                        | ND     |           | ug/l  | 5.0 | 1.0  |
| Bromochloromethane                                                                | ND     |           | ug/l  | 2.5 | 0.70 |
| 2,2-Dichloropropane                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2-Dibromoethane                                                                 | ND     |           | ug/l  | 2.0 | 0.65 |
| 1,3-Dichloropropane                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,1,1,2-Tetrachloroethane                                                         | ND     |           | ug/l  | 2.5 | 0.70 |
| Bromobenzene                                                                      | ND     |           | ug/l  | 2.5 | 0.70 |
| n-Butylbenzene                                                                    | ND     |           | ug/l  | 2.5 | 0.70 |
| sec-Butylbenzene                                                                  | ND     |           | ug/l  | 2.5 | 0.70 |
| tert-Butylbenzene                                                                 | ND     |           | ug/l  | 2.5 | 0.70 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8260D  
**Analytical Date:** 05/24/23 08:32  
**Analyst:** PID

| Parameter                                                                         | Result | Qualifier | Units | RL  | MDL  |
|-----------------------------------------------------------------------------------|--------|-----------|-------|-----|------|
| Volatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1782854-5 |        |           |       |     |      |
| o-Chlorotoluene                                                                   | ND     |           | ug/l  | 2.5 | 0.70 |
| p-Chlorotoluene                                                                   | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2-Dibromo-3-chloropropane                                                       | ND     |           | ug/l  | 2.5 | 0.70 |
| Hexachlorobutadiene                                                               | ND     |           | ug/l  | 2.5 | 0.70 |
| Isopropylbenzene                                                                  | ND     |           | ug/l  | 2.5 | 0.70 |
| p-Isopropyltoluene                                                                | ND     |           | ug/l  | 2.5 | 0.70 |
| Naphthalene                                                                       | ND     |           | ug/l  | 2.5 | 0.70 |
| n-Propylbenzene                                                                   | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2,3-Trichlorobenzene                                                            | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2,4-Trichlorobenzene                                                            | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,3,5-Trimethylbenzene                                                            | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,2,4-Trimethylbenzene                                                            | ND     |           | ug/l  | 2.5 | 0.70 |
| 1,4-Dioxane                                                                       | ND     |           | ug/l  | 250 | 61.  |
| p-Diethylbenzene                                                                  | ND     |           | ug/l  | 2.0 | 0.70 |
| p-Ethyltoluene                                                                    | ND     |           | ug/l  | 2.0 | 0.70 |
| 1,2,4,5-Tetramethylbenzene                                                        | ND     |           | ug/l  | 2.0 | 0.54 |
| Ethyl ether                                                                       | ND     |           | ug/l  | 2.5 | 0.70 |
| trans-1,4-Dichloro-2-butene                                                       | ND     |           | ug/l  | 2.5 | 0.70 |

| Surrogate             | %Recovery | Qualifier | Acceptance Criteria |
|-----------------------|-----------|-----------|---------------------|
| 1,2-Dichloroethane-d4 | 91        |           | 70-130              |
| Toluene-d8            | 84        |           | 70-130              |
| 4-Bromofluorobenzene  | 84        |           | 70-130              |
| Dibromofluoromethane  | 88        |           | 70-130              |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                                                  | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-06,08-09 Batch: WG1782734-3 WG1782734-4 |                  |      |                   |      |                     |     |      |               |
| Methylene chloride                                                                                                         | 125              |      | 128               |      | 70-130              | 2   |      | 30            |
| 1,1-Dichloroethane                                                                                                         | 122              |      | 124               |      | 70-130              | 2   |      | 30            |
| Chloroform                                                                                                                 | 122              |      | 122               |      | 70-130              | 0   |      | 30            |
| Carbon tetrachloride                                                                                                       | 110              |      | 110               |      | 70-130              | 0   |      | 30            |
| 1,2-Dichloropropane                                                                                                        | 118              |      | 120               |      | 70-130              | 2   |      | 30            |
| Dibromochloromethane                                                                                                       | 106              |      | 106               |      | 70-130              | 0   |      | 30            |
| 1,1,2-Trichloroethane                                                                                                      | 115              |      | 115               |      | 70-130              | 0   |      | 30            |
| Tetrachloroethene                                                                                                          | 106              |      | 107               |      | 70-130              | 1   |      | 30            |
| Chlorobenzene                                                                                                              | 106              |      | 107               |      | 70-130              | 1   |      | 30            |
| Trichlorofluoromethane                                                                                                     | 115              |      | 115               |      | 70-139              | 0   |      | 30            |
| 1,2-Dichloroethane                                                                                                         | 126              |      | 128               |      | 70-130              | 2   |      | 30            |
| 1,1,1-Trichloroethane                                                                                                      | 118              |      | 117               |      | 70-130              | 1   |      | 30            |
| Bromodichloromethane                                                                                                       | 119              |      | 121               |      | 70-130              | 2   |      | 30            |
| trans-1,3-Dichloropropene                                                                                                  | 114              |      | 116               |      | 70-130              | 2   |      | 30            |
| cis-1,3-Dichloropropene                                                                                                    | 122              |      | 123               |      | 70-130              | 1   |      | 30            |
| 1,1-Dichloropropene                                                                                                        | 115              |      | 116               |      | 70-130              | 1   |      | 30            |
| Bromoform                                                                                                                  | 96               |      | 98                |      | 70-130              | 2   |      | 30            |
| 1,1,2,2-Tetrachloroethane                                                                                                  | 105              |      | 102               |      | 70-130              | 3   |      | 30            |
| Benzene                                                                                                                    | 118              |      | 118               |      | 70-130              | 0   |      | 30            |
| Toluene                                                                                                                    | 102              |      | 103               |      | 70-130              | 1   |      | 30            |
| Ethylbenzene                                                                                                               | 103              |      | 104               |      | 70-130              | 1   |      | 30            |
| Chloromethane                                                                                                              | 115              |      | 114               |      | 52-130              | 1   |      | 30            |
| Bromomethane                                                                                                               | 140              |      | 137               |      | 57-147              | 2   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327332

Report Date: 06/13/23

| Parameter                                                                                                                  | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-06,08-09 Batch: WG1782734-3 WG1782734-4 |                  |      |                   |      |                     |     |      |               |
| Vinyl chloride                                                                                                             | 114              |      | 114               |      | 67-130              | 0   |      | 30            |
| Chloroethane                                                                                                               | 116              |      | 116               |      | 50-151              | 0   |      | 30            |
| 1,1-Dichloroethene                                                                                                         | 111              |      | 110               |      | 65-135              | 1   |      | 30            |
| trans-1,2-Dichloroethene                                                                                                   | 132              | Q    | 108               |      | 70-130              | 20  |      | 30            |
| Trichloroethene                                                                                                            | 119              |      | 120               |      | 70-130              | 1   |      | 30            |
| 1,2-Dichlorobenzene                                                                                                        | 105              |      | 106               |      | 70-130              | 1   |      | 30            |
| 1,3-Dichlorobenzene                                                                                                        | 104              |      | 104               |      | 70-130              | 0   |      | 30            |
| 1,4-Dichlorobenzene                                                                                                        | 104              |      | 104               |      | 70-130              | 0   |      | 30            |
| Methyl tert butyl ether                                                                                                    | 130              |      | 111               |      | 66-130              | 16  |      | 30            |
| p/m-Xylene                                                                                                                 | 107              |      | 108               |      | 70-130              | 1   |      | 30            |
| o-Xylene                                                                                                                   | 104              |      | 105               |      | 70-130              | 1   |      | 30            |
| cis-1,2-Dichloroethene                                                                                                     | 111              |      | 112               |      | 70-130              | 1   |      | 30            |
| Dibromomethane                                                                                                             | 120              |      | 125               |      | 70-130              | 4   |      | 30            |
| Styrene                                                                                                                    | 107              |      | 108               |      | 70-130              | 1   |      | 30            |
| Dichlorodifluoromethane                                                                                                    | 108              |      | 108               |      | 30-146              | 0   |      | 30            |
| Acetone                                                                                                                    | 152              | Q    | 156               | Q    | 54-140              | 3   |      | 30            |
| Carbon disulfide                                                                                                           | 113              |      | 114               |      | 59-130              | 1   |      | 30            |
| 2-Butanone                                                                                                                 | 116              |      | 113               |      | 70-130              | 3   |      | 30            |
| Vinyl acetate                                                                                                              | 126              |      | 120               |      | 70-130              | 5   |      | 30            |
| 4-Methyl-2-pentanone                                                                                                       | 94               |      | 95                |      | 70-130              | 1   |      | 30            |
| 1,2,3-Trichloropropane                                                                                                     | 105              |      | 105               |      | 68-130              | 0   |      | 30            |
| 2-Hexanone                                                                                                                 | 96               |      | 99                |      | 70-130              | 3   |      | 30            |
| Bromochloromethane                                                                                                         | 117              |      | 120               |      | 70-130              | 3   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327332

Report Date: 06/13/23

| Parameter                                                                                                                  | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-06,08-09 Batch: WG1782734-3 WG1782734-4 |                  |      |                   |      |                     |     |      |               |
| 2,2-Dichloropropane                                                                                                        | 119              |      | 117               |      | 70-130              | 2   |      | 30            |
| 1,2-Dibromoethane                                                                                                          | 110              |      | 112               |      | 70-130              | 2   |      | 30            |
| 1,3-Dichloropropane                                                                                                        | 113              |      | 114               |      | 69-130              | 1   |      | 30            |
| 1,1,1,2-Tetrachloroethane                                                                                                  | 108              |      | 108               |      | 70-130              | 0   |      | 30            |
| Bromobenzene                                                                                                               | 97               |      | 98                |      | 70-130              | 1   |      | 30            |
| n-Butylbenzene                                                                                                             | 108              |      | 109               |      | 70-130              | 1   |      | 30            |
| sec-Butylbenzene                                                                                                           | 101              |      | 100               |      | 70-130              | 1   |      | 30            |
| tert-Butylbenzene                                                                                                          | 96               |      | 96                |      | 70-130              | 0   |      | 30            |
| o-Chlorotoluene                                                                                                            | 101              |      | 102               |      | 70-130              | 1   |      | 30            |
| p-Chlorotoluene                                                                                                            | 103              |      | 103               |      | 70-130              | 0   |      | 30            |
| 1,2-Dibromo-3-chloropropane                                                                                                | 95               |      | 94                |      | 68-130              | 1   |      | 30            |
| Hexachlorobutadiene                                                                                                        | 98               |      | 97                |      | 67-130              | 1   |      | 30            |
| Isopropylbenzene                                                                                                           | 94               |      | 95                |      | 70-130              | 1   |      | 30            |
| p-Isopropyltoluene                                                                                                         | 101              |      | 101               |      | 70-130              | 0   |      | 30            |
| Naphthalene                                                                                                                | 98               |      | 98                |      | 70-130              | 0   |      | 30            |
| Acrylonitrile                                                                                                              | 120              |      | 125               |      | 70-130              | 4   |      | 30            |
| n-Propylbenzene                                                                                                            | 102              |      | 101               |      | 70-130              | 1   |      | 30            |
| 1,2,3-Trichlorobenzene                                                                                                     | 102              |      | 105               |      | 70-130              | 3   |      | 30            |
| 1,2,4-Trichlorobenzene                                                                                                     | 102              |      | 103               |      | 70-130              | 1   |      | 30            |
| 1,3,5-Trimethylbenzene                                                                                                     | 102              |      | 101               |      | 70-130              | 1   |      | 30            |
| 1,2,4-Trimethylbenzene                                                                                                     | 102              |      | 102               |      | 70-130              | 0   |      | 30            |
| 1,4-Dioxane                                                                                                                | 98               |      | 109               |      | 65-136              | 11  |      | 30            |
| p-Diethylbenzene                                                                                                           | 102              |      | 104               |      | 70-130              | 2   |      | 30            |



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                                                  | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|----------------------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-06,08-09 Batch: WG1782734-3 WG1782734-4 |                  |      |                   |      |                     |     |      |               |
| p-Ethyltoluene                                                                                                             | 100              |      | 100               |      | 70-130              | 0   |      | 30            |
| 1,2,4,5-Tetramethylbenzene                                                                                                 | 97               |      | 97                |      | 70-130              | 0   |      | 30            |
| Ethyl ether                                                                                                                | 120              |      | 121               |      | 67-130              | 1   |      | 30            |
| trans-1,4-Dichloro-2-butene                                                                                                | 115              |      | 115               |      | 70-130              | 0   |      | 30            |

| Surrogate             | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 119              |      | 117               |      | 70-130                 |
| Toluene-d8            | 99               |      | 100               |      | 70-130                 |
| 4-Bromofluorobenzene  | 93               |      | 91                |      | 70-130                 |
| Dibromofluoromethane  | 106              |      | 104               |      | 70-130                 |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327332

Report Date: 06/13/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1782741-3 WG1782741-4 |                  |      |                   |      |                     |     |      |               |
| Methylene chloride                                                                                          | 110              |      | 103               |      | 70-130              | 7   |      | 30            |
| 1,1-Dichloroethane                                                                                          | 119              |      | 111               |      | 70-130              | 7   |      | 30            |
| Chloroform                                                                                                  | 115              |      | 107               |      | 70-130              | 7   |      | 30            |
| Carbon tetrachloride                                                                                        | 116              |      | 106               |      | 70-130              | 9   |      | 30            |
| 1,2-Dichloropropane                                                                                         | 116              |      | 107               |      | 70-130              | 8   |      | 30            |
| Dibromochloromethane                                                                                        | 102              |      | 95                |      | 70-130              | 7   |      | 30            |
| 1,1,2-Trichloroethane                                                                                       | 103              |      | 96                |      | 70-130              | 7   |      | 30            |
| Tetrachloroethene                                                                                           | 110              |      | 105               |      | 70-130              | 5   |      | 30            |
| Chlorobenzene                                                                                               | 103              |      | 98                |      | 70-130              | 5   |      | 30            |
| Trichlorofluoromethane                                                                                      | 103              |      | 107               |      | 70-139              | 4   |      | 30            |
| 1,2-Dichloroethane                                                                                          | 115              |      | 105               |      | 70-130              | 9   |      | 30            |
| 1,1,1-Trichloroethane                                                                                       | 117              |      | 108               |      | 70-130              | 8   |      | 30            |
| Bromodichloromethane                                                                                        | 112              |      | 104               |      | 70-130              | 7   |      | 30            |
| trans-1,3-Dichloropropene                                                                                   | 101              |      | 95                |      | 70-130              | 6   |      | 30            |
| cis-1,3-Dichloropropene                                                                                     | 112              |      | 105               |      | 70-130              | 6   |      | 30            |
| 1,1-Dichloropropene                                                                                         | 117              |      | 109               |      | 70-130              | 7   |      | 30            |
| Bromoform                                                                                                   | 98               |      | 91                |      | 70-130              | 7   |      | 30            |
| 1,1,2,2-Tetrachloroethane                                                                                   | 96               |      | 90                |      | 70-130              | 6   |      | 30            |
| Benzene                                                                                                     | 115              |      | 106               |      | 70-130              | 8   |      | 30            |
| Toluene                                                                                                     | 99               |      | 95                |      | 70-130              | 4   |      | 30            |
| Ethylbenzene                                                                                                | 102              |      | 99                |      | 70-130              | 3   |      | 30            |
| Chloromethane                                                                                               | 109              |      | 102               |      | 52-130              | 7   |      | 30            |
| Bromomethane                                                                                                | 127              |      | 120               |      | 57-147              | 6   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327332

Report Date: 06/13/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1782741-3 WG1782741-4 |                  |      |                   |      |                     |     |      |               |
| Vinyl chloride                                                                                              | 105              |      | 98                |      | 67-130              | 7   |      | 30            |
| Chloroethane                                                                                                | 113              |      | 107               |      | 50-151              | 5   |      | 30            |
| 1,1-Dichloroethene                                                                                          | 117              |      | 108               |      | 65-135              | 8   |      | 30            |
| trans-1,2-Dichloroethene                                                                                    | 118              |      | 109               |      | 70-130              | 8   |      | 30            |
| Trichloroethene                                                                                             | 117              |      | 110               |      | 70-130              | 6   |      | 30            |
| 1,2-Dichlorobenzene                                                                                         | 101              |      | 96                |      | 70-130              | 5   |      | 30            |
| 1,3-Dichlorobenzene                                                                                         | 102              |      | 96                |      | 70-130              | 6   |      | 30            |
| 1,4-Dichlorobenzene                                                                                         | 101              |      | 96                |      | 70-130              | 5   |      | 30            |
| Methyl tert butyl ether                                                                                     | 111              |      | 100               |      | 66-130              | 10  |      | 30            |
| p/m-Xylene                                                                                                  | 104              |      | 100               |      | 70-130              | 4   |      | 30            |
| o-Xylene                                                                                                    | 104              |      | 100               |      | 70-130              | 4   |      | 30            |
| cis-1,2-Dichloroethene                                                                                      | 116              |      | 108               |      | 70-130              | 7   |      | 30            |
| Dibromomethane                                                                                              | 111              |      | 100               |      | 70-130              | 10  |      | 30            |
| Styrene                                                                                                     | 101              |      | 96                |      | 70-130              | 5   |      | 30            |
| Dichlorodifluoromethane                                                                                     | 86               |      | 79                |      | 30-146              | 8   |      | 30            |
| Acetone                                                                                                     | 119              |      | 105               |      | 54-140              | 13  |      | 30            |
| Carbon disulfide                                                                                            | 117              |      | 108               |      | 59-130              | 8   |      | 30            |
| 2-Butanone                                                                                                  | 116              |      | 104               |      | 70-130              | 11  |      | 30            |
| Vinyl acetate                                                                                               | 113              |      | 106               |      | 70-130              | 6   |      | 30            |
| 4-Methyl-2-pentanone                                                                                        | 99               |      | 92                |      | 70-130              | 7   |      | 30            |
| 1,2,3-Trichloropropane                                                                                      | 93               |      | 87                |      | 68-130              | 7   |      | 30            |
| 2-Hexanone                                                                                                  | 93               |      | 85                |      | 70-130              | 9   |      | 30            |
| Bromochloromethane                                                                                          | 118              |      | 106               |      | 70-130              | 11  |      | 30            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1782741-3 WG1782741-4 |                  |      |                   |      |                     |     |      |               |
| 2,2-Dichloropropane                                                                                         | 114              |      | 107               |      | 70-130              | 6   |      | 30            |
| 1,2-Dibromoethane                                                                                           | 103              |      | 95                |      | 70-130              | 8   |      | 30            |
| 1,3-Dichloropropane                                                                                         | 102              |      | 95                |      | 69-130              | 7   |      | 30            |
| 1,1,1,2-Tetrachloroethane                                                                                   | 102              |      | 97                |      | 70-130              | 5   |      | 30            |
| Bromobenzene                                                                                                | 102              |      | 96                |      | 70-130              | 6   |      | 30            |
| n-Butylbenzene                                                                                              | 104              |      | 100               |      | 70-130              | 4   |      | 30            |
| sec-Butylbenzene                                                                                            | 103              |      | 97                |      | 70-130              | 6   |      | 30            |
| tert-Butylbenzene                                                                                           | 100              |      | 95                |      | 70-130              | 5   |      | 30            |
| o-Chlorotoluene                                                                                             | 114              |      | 108               |      | 70-130              | 5   |      | 30            |
| p-Chlorotoluene                                                                                             | 100              |      | 94                |      | 70-130              | 6   |      | 30            |
| 1,2-Dibromo-3-chloropropane                                                                                 | 89               |      | 83                |      | 68-130              | 7   |      | 30            |
| Hexachlorobutadiene                                                                                         | 104              |      | 101               |      | 67-130              | 3   |      | 30            |
| Isopropylbenzene                                                                                            | 102              |      | 96                |      | 70-130              | 6   |      | 30            |
| p-Isopropyltoluene                                                                                          | 102              |      | 98                |      | 70-130              | 4   |      | 30            |
| Naphthalene                                                                                                 | 94               |      | 87                |      | 70-130              | 8   |      | 30            |
| Acrylonitrile                                                                                               | 123              |      | 112               |      | 70-130              | 9   |      | 30            |
| n-Propylbenzene                                                                                             | 103              |      | 98                |      | 70-130              | 5   |      | 30            |
| 1,2,3-Trichlorobenzene                                                                                      | 102              |      | 97                |      | 70-130              | 5   |      | 30            |
| 1,2,4-Trichlorobenzene                                                                                      | 105              |      | 100               |      | 70-130              | 5   |      | 30            |
| 1,3,5-Trimethylbenzene                                                                                      | 101              |      | 96                |      | 70-130              | 5   |      | 30            |
| 1,2,4-Trimethylbenzene                                                                                      | 101              |      | 96                |      | 70-130              | 5   |      | 30            |
| 1,4-Dioxane                                                                                                 | 105              |      | 104               |      | 65-136              | 1   |      | 30            |
| p-Diethylbenzene                                                                                            | 101              |      | 96                |      | 70-130              | 5   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1782741-3 WG1782741-4 |                  |      |                   |      |                     |     |      |               |
| p-Ethyltoluene                                                                                              | 101              |      | 96                |      | 70-130              | 5   |      | 30            |
| 1,2,4,5-Tetramethylbenzene                                                                                  | 100              |      | 95                |      | 70-130              | 5   |      | 30            |
| Ethyl ether                                                                                                 | 112              |      | 104               |      | 67-130              | 7   |      | 30            |
| trans-1,4-Dichloro-2-butene                                                                                 | 101              |      | 98                |      | 70-130              | 3   |      | 30            |

| Surrogate             | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 105              |      | 103               |      | 70-130                 |
| Toluene-d8            | 97               |      | 98                |      | 70-130                 |
| 4-Bromofluorobenzene  | 96               |      | 94                |      | 70-130                 |
| Dibromofluoromethane  | 105              |      | 103               |      | 70-130                 |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327332

Report Date: 06/13/23

| Parameter                                                                                            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1782854-3 WG1782854-4 |                  |      |                   |      |                     |     |      |               |
| Methylene chloride                                                                                   | 92               |      | 89                |      | 70-130              | 3   |      | 20            |
| 1,1-Dichloroethane                                                                                   | 98               |      | 94                |      | 70-130              | 4   |      | 20            |
| Chloroform                                                                                           | 93               |      | 91                |      | 70-130              | 2   |      | 20            |
| Carbon tetrachloride                                                                                 | 97               |      | 93                |      | 63-132              | 4   |      | 20            |
| 1,2-Dichloropropane                                                                                  | 96               |      | 91                |      | 70-130              | 5   |      | 20            |
| Dibromochloromethane                                                                                 | 82               |      | 79                |      | 63-130              | 4   |      | 20            |
| 1,1,2-Trichloroethane                                                                                | 87               |      | 86                |      | 70-130              | 1   |      | 20            |
| Tetrachloroethene                                                                                    | 94               |      | 91                |      | 70-130              | 3   |      | 20            |
| Chlorobenzene                                                                                        | 91               |      | 91                |      | 75-130              | 0   |      | 20            |
| Trichlorofluoromethane                                                                               | 100              |      | 96                |      | 62-150              | 4   |      | 20            |
| 1,2-Dichloroethane                                                                                   | 93               |      | 89                |      | 70-130              | 4   |      | 20            |
| 1,1,1-Trichloroethane                                                                                | 98               |      | 92                |      | 67-130              | 6   |      | 20            |
| Bromodichloromethane                                                                                 | 88               |      | 85                |      | 67-130              | 3   |      | 20            |
| trans-1,3-Dichloropropene                                                                            | 82               |      | 82                |      | 70-130              | 0   |      | 20            |
| cis-1,3-Dichloropropene                                                                              | 86               |      | 82                |      | 70-130              | 5   |      | 20            |
| 1,1-Dichloropropene                                                                                  | 97               |      | 92                |      | 70-130              | 5   |      | 20            |
| Bromoform                                                                                            | 68               |      | 70                |      | 54-136              | 3   |      | 20            |
| 1,1,2,2-Tetrachloroethane                                                                            | 83               |      | 85                |      | 67-130              | 2   |      | 20            |
| Benzene                                                                                              | 95               |      | 92                |      | 70-130              | 3   |      | 20            |
| Toluene                                                                                              | 91               |      | 90                |      | 70-130              | 1   |      | 20            |
| Ethylbenzene                                                                                         | 89               |      | 88                |      | 70-130              | 1   |      | 20            |
| Chloromethane                                                                                        | 84               |      | 80                |      | 64-130              | 5   |      | 20            |
| Bromomethane                                                                                         | 47               |      | 44                |      | 39-139              | 7   |      | 20            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327332

Report Date: 06/13/23

| Parameter                                                                                            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1782854-3 WG1782854-4 |                  |      |                   |      |                     |     |      |               |
| Vinyl chloride                                                                                       | 99               |      | 93                |      | 55-140              | 6   |      | 20            |
| Chloroethane                                                                                         | 100              |      | 98                |      | 55-138              | 2   |      | 20            |
| 1,1-Dichloroethene                                                                                   | 99               |      | 94                |      | 61-145              | 5   |      | 20            |
| trans-1,2-Dichloroethene                                                                             | 97               |      | 91                |      | 70-130              | 6   |      | 20            |
| Trichloroethene                                                                                      | 90               |      | 86                |      | 70-130              | 5   |      | 20            |
| 1,2-Dichlorobenzene                                                                                  | 87               |      | 89                |      | 70-130              | 2   |      | 20            |
| 1,3-Dichlorobenzene                                                                                  | 89               |      | 90                |      | 70-130              | 1   |      | 20            |
| 1,4-Dichlorobenzene                                                                                  | 87               |      | 88                |      | 70-130              | 1   |      | 20            |
| Methyl tert butyl ether                                                                              | 86               |      | 83                |      | 63-130              | 4   |      | 20            |
| p/m-Xylene                                                                                           | 90               |      | 90                |      | 70-130              | 0   |      | 20            |
| o-Xylene                                                                                             | 90               |      | 90                |      | 70-130              | 0   |      | 20            |
| cis-1,2-Dichloroethene                                                                               | 94               |      | 91                |      | 70-130              | 3   |      | 20            |
| Dibromomethane                                                                                       | 88               |      | 88                |      | 70-130              | 0   |      | 20            |
| 1,2,3-Trichloropropane                                                                               | 83               |      | 83                |      | 64-130              | 0   |      | 20            |
| Acrylonitrile                                                                                        | 82               |      | 78                |      | 70-130              | 5   |      | 20            |
| Styrene                                                                                              | 90               |      | 85                |      | 70-130              | 6   |      | 20            |
| Dichlorodifluoromethane                                                                              | 91               |      | 88                |      | 36-147              | 3   |      | 20            |
| Acetone                                                                                              | 82               |      | 83                |      | 58-148              | 1   |      | 20            |
| Carbon disulfide                                                                                     | 97               |      | 93                |      | 51-130              | 4   |      | 20            |
| 2-Butanone                                                                                           | 79               |      | 74                |      | 63-138              | 7   |      | 20            |
| Vinyl acetate                                                                                        | 87               |      | 84                |      | 70-130              | 4   |      | 20            |
| 4-Methyl-2-pentanone                                                                                 | 79               |      | 81                |      | 59-130              | 3   |      | 20            |
| 2-Hexanone                                                                                           | 76               |      | 76                |      | 57-130              | 0   |      | 20            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1782854-3 WG1782854-4 |                  |      |                   |      |                     |     |      |               |
| Bromochloromethane                                                                                   | 93               |      | 89                |      | 70-130              | 4   |      | 20            |
| 2,2-Dichloropropane                                                                                  | 97               |      | 92                |      | 63-133              | 5   |      | 20            |
| 1,2-Dibromoethane                                                                                    | 85               |      | 84                |      | 70-130              | 1   |      | 20            |
| 1,3-Dichloropropane                                                                                  | 87               |      | 87                |      | 70-130              | 0   |      | 20            |
| 1,1,1,2-Tetrachloroethane                                                                            | 90               |      | 91                |      | 64-130              | 1   |      | 20            |
| Bromobenzene                                                                                         | 85               |      | 85                |      | 70-130              | 0   |      | 20            |
| n-Butylbenzene                                                                                       | 93               |      | 93                |      | 53-136              | 0   |      | 20            |
| sec-Butylbenzene                                                                                     | 92               |      | 90                |      | 70-130              | 2   |      | 20            |
| tert-Butylbenzene                                                                                    | 91               |      | 89                |      | 70-130              | 2   |      | 20            |
| o-Chlorotoluene                                                                                      | 88               |      | 88                |      | 70-130              | 0   |      | 20            |
| p-Chlorotoluene                                                                                      | 86               |      | 86                |      | 70-130              | 0   |      | 20            |
| 1,2-Dibromo-3-chloropropane                                                                          | 71               |      | 77                |      | 41-144              | 8   |      | 20            |
| Hexachlorobutadiene                                                                                  | 90               |      | 89                |      | 63-130              | 1   |      | 20            |
| Isopropylbenzene                                                                                     | 87               |      | 87                |      | 70-130              | 0   |      | 20            |
| p-Isopropyltoluene                                                                                   | 90               |      | 90                |      | 70-130              | 0   |      | 20            |
| Naphthalene                                                                                          | 79               |      | 80                |      | 70-130              | 1   |      | 20            |
| n-Propylbenzene                                                                                      | 89               |      | 89                |      | 69-130              | 0   |      | 20            |
| 1,2,3-Trichlorobenzene                                                                               | 86               |      | 87                |      | 70-130              | 1   |      | 20            |
| 1,2,4-Trichlorobenzene                                                                               | 88               |      | 88                |      | 70-130              | 0   |      | 20            |
| 1,3,5-Trimethylbenzene                                                                               | 90               |      | 89                |      | 64-130              | 1   |      | 20            |
| 1,2,4-Trimethylbenzene                                                                               | 89               |      | 88                |      | 70-130              | 1   |      | 20            |
| 1,4-Dioxane                                                                                          | 86               |      | 82                |      | 56-162              | 5   |      | 20            |
| p-Diethylbenzene                                                                                     | 92               |      | 90                |      | 70-130              | 2   |      | 20            |



## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1782854-3 WG1782854-4 |                  |      |                   |      |                     |     |      |               |
| p-Ethyltoluene                                                                                       | 88               |      | 87                |      | 70-130              | 1   |      | 20            |
| 1,2,4,5-Tetramethylbenzene                                                                           | 87               |      | 87                |      | 70-130              | 0   |      | 20            |
| Ethyl ether                                                                                          | 91               |      | 88                |      | 59-134              | 3   |      | 20            |
| trans-1,4-Dichloro-2-butene                                                                          | 62               | Q    | 63                | Q    | 70-130              | 2   |      | 20            |

| Surrogate             | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|-----------------------|------------------|------|-------------------|------|------------------------|
| 1,2-Dichloroethane-d4 | 92               |      | 89                |      | 70-130                 |
| Toluene-d8            | 88               |      | 88                |      | 70-130                 |
| 4-Bromofluorobenzene  | 82               |      | 84                |      | 70-130                 |
| Dibromofluoromethane  | 90               |      | 90                |      | 70-130                 |

# SEMIVOLATILES

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-01  
 Client ID: SR1-10\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:20  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/22/23 22:07  
 Analyst: JG  
 Percent Solids: 96%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 15:52

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | 23     | J         | ug/kg | 140 | 18. | 1               |
| 1,2,4-Trichlorobenzene                           | 24     | J         | ug/kg | 170 | 20. | 1               |
| Hexachlorobenzene                                | 23     | J         | ug/kg | 100 | 19. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 23. | 1               |
| 2-Chloronaphthalene                              | 24     | J         | ug/kg | 170 | 17. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 31. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 170 | 46. | 1               |
| 2,4-Dinitrotoluene                               | 36     | J         | ug/kg | 170 | 34. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 30. | 1               |
| Fluoranthene                                     | 25     | J         | ug/kg | 100 | 20. | 1               |
| 4-Chlorophenyl phenyl ether                      | 24     | J         | ug/kg | 170 | 18. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 210 | 30. | 1               |
| Bis(2-chloroethoxy)methane                       | 23     | J         | ug/kg | 190 | 17. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 170 | 25. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 490 | 160 | 1               |
| Hexachloroethane                                 | 29     | J         | ug/kg | 140 | 28. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 22. | 1               |
| Naphthalene                                      | 24     | J         | ug/kg | 170 | 21. | 1               |
| Nitrobenzene                                     | 27     | J         | ug/kg | 160 | 26. | 1               |
| NDPA/DPA                                         | 24     | J         | ug/kg | 140 | 20. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 170 | 27. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 170 | 60. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 170 | 44. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 170 | 33. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 170 | 59. | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-01  
 Client ID: SR1-10\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:20  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | 26     | J         | ug/kg | 170 | 16. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 170 | 36. | 1               |
| Benzo(a)anthracene                               | 28     | J         | ug/kg | 100 | 19. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 42. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 100 | 29. | 1               |
| Benzo(k)fluoranthene                             | 30     | J         | ug/kg | 100 | 28. | 1               |
| Chrysene                                         | 27     | J         | ug/kg | 100 | 18. | 1               |
| Acenaphthylene                                   | 28     | J         | ug/kg | 140 | 27. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 100 | 34. | 1               |
| Benzo(ghi)perylene                               | 25     | J         | ug/kg | 140 | 20. | 1               |
| Fluorene                                         | 24     | J         | ug/kg | 170 | 17. | 1               |
| Phenanthrene                                     | 25     | J         | ug/kg | 100 | 21. | 1               |
| Dibenzo(a,h)anthracene                           | 26     | J         | ug/kg | 100 | 20. | 1               |
| Indeno(1,2,3-cd)pyrene                           | 25     | J         | ug/kg | 140 | 24. | 1               |
| Pyrene                                           | 26     | J         | ug/kg | 100 | 17. | 1               |
| Biphenyl                                         | 26     | J         | ug/kg | 390 | 22. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 170 | 31. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 170 | 33. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 170 | 32. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 170 | 72. | 1               |
| Dibenzofuran                                     | 22     | J         | ug/kg | 170 | 16. | 1               |
| 2-Methylnaphthalene                              | 24     | J         | ug/kg | 210 | 21. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | 26     | J         | ug/kg | 170 | 18. | 1               |
| Acetophenone                                     | 21     | J         | ug/kg | 170 | 21. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 100 | 33. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Chlorophenol                                   | 26     | J         | ug/kg | 170 | 20. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 28. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 170 | 57. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 370 | 65. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 240 | 70. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 830 | 80. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 450 | 83. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 38. | 1               |
| Phenol                                           | 27     | J         | ug/kg | 170 | 26. | 1               |
| 2-Methylphenol                                   | 27     | J         | ug/kg | 170 | 27. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 250 | 27. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-01**Date Collected:** 05/17/23 13:20**Client ID:** SR1-10\_14-16**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 170 | 33. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 560 | 170 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 170 | 53. | 1               |
| Carbazole                                        | 25     | J         | ug/kg | 170 | 17. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 26  | 7.9 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 83         |           | 25-120              |
| Phenol-d6            | 75         |           | 10-120              |
| Nitrobenzene-d5      | 79         |           | 23-120              |
| 2-Fluorobiphenyl     | 77         |           | 30-120              |
| 2,4,6-Tribromophenol | 69         |           | 10-136              |
| 4-Terphenyl-d14      | 73         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-01 RE  
 Client ID: SR1-10\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:20  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 06/11/23 18:36  
 Analyst: SL  
 Percent Solids: 96%

Extraction Method: EPA 1633  
 Extraction Date: 06/09/23 16:50  
 Cleanup Method: EPA 1633  
 Cleanup Date: 06/11/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.794 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.397 | 0.056 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.198 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.198 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.198 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.198 | 0.059 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | ND     |           | ng/g  | 0.198 | 0.052 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.794 | 0.278 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.198 | 0.037 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.198 | 0.078 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.198 | 0.079 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.198 | 0.075 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.794 | 0.384 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.198 | 0.099 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.198 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.198 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.198 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.198 | 0.082 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.198 | 0.041 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.198 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.198 | 0.106 | 1               |
| PFOA/PFOS, Total                                          | ND     |           | ng/g  | 0.198 | 0.052 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-01 RE  
 Client ID: SR1-10\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:20  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 81         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 86         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 85         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 81         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 90         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 83         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 87         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 80         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 78         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 81         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 73         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 75         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 81         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 80         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 74         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 103        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 70         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 35         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-02  
 Client ID: SR1-10\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:25  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/22/23 22:24  
 Analyst: JG  
 Percent Solids: 96%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 15:52

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 18. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 170 | 20. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 100 | 19. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 23. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 170 | 17. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 31. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 170 | 46. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 34. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 30. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 100 | 20. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 170 | 18. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 210 | 30. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 190 | 17. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 170 | 25. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 490 | 160 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 28. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 22. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 170 | 21. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 160 | 26. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 20. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 170 | 27. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 170 | 60. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 170 | 44. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 170 | 33. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 170 | 59. | 1               |



Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-02  
 Client ID: SR1-10\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:25  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 170 | 16. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 170 | 36. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 100 | 19. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 42. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 100 | 29. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 100 | 28. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 100 | 18. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 27. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 100 | 34. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 20. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 170 | 17. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 100 | 21. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 100 | 20. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 24. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 100 | 17. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 390 | 22. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 170 | 31. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 170 | 33. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 170 | 33. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 170 | 72. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 170 | 16. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 210 | 21. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 170 | 18. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 170 | 21. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 100 | 33. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 170 | 20. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 28. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 170 | 57. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 370 | 65. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 240 | 70. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 830 | 80. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 450 | 83. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 38. | 1               |
| Phenol                                           | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 170 | 27. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 250 | 27. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-02**Date Collected:** 05/17/23 13:25**Client ID:** SR1-10\_20-22**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 170 | 33. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 560 | 170 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 170 | 53. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 170 | 17. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 26  | 8.0 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 74         |           | 25-120              |
| Phenol-d6            | 69         |           | 10-120              |
| Nitrobenzene-d5      | 70         |           | 23-120              |
| 2-Fluorobiphenyl     | 73         |           | 30-120              |
| 2,4,6-Tribromophenol | 68         |           | 10-136              |
| 4-Terphenyl-d14      | 67         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-02 RE  
 Client ID: SR1-10\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:25  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 06/11/23 18:48  
 Analyst: SL  
 Percent Solids: 96%

Extraction Method: EPA 1633  
 Extraction Date: 06/09/23 16:50  
 Cleanup Method: EPA 1633  
 Cleanup Date: 06/11/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.781 | 0.049 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.391 | 0.055 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.195 | 0.042 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.195 | 0.045 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.195 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.195 | 0.058 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.258  |           | ng/g  | 0.195 | 0.051 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.781 | 0.274 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.195 | 0.036 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.195 | 0.077 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | 0.102  | J         | ng/g  | 0.195 | 0.077 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.195 | 0.073 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.781 | 0.378 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.195 | 0.098 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.195 | 0.050 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.195 | 0.031 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.195 | 0.042 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.195 | 0.081 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.195 | 0.040 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.195 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.195 | 0.104 | 1               |
| PFOA/PFOS, Total                                          | 0.360  | J         | ng/g  | 0.195 | 0.051 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-02 RE  
 Client ID: SR1-10\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:25  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 75         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 76         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 83         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 75         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 79         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 80         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 83         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 79         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 76         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 73         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 70         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 73         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 72         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 74         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 66         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 95         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 66         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 49         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-03  
 Client ID: SR1-10\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:30  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/22/23 22:40  
 Analyst: JG  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 15:52

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | 21     | J         | ug/kg | 140 | 19. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 21. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 20. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 25. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 18. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 33. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 31. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 48. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 36. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 31. | 1               |
| Fluoranthene                                     | 2100   |           | ug/kg | 110 | 21. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 19. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 220 | 31. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 27. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 520 | 160 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 29. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 24. | 1               |
| Naphthalene                                      | 47     | J         | ug/kg | 180 | 22. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 160 | 27. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 21. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 28. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 63. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 46. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 34. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 62. | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-03

Date Collected: 05/17/23 13:30

Client ID: SR1-10\_26-28

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 38. | 1               |
| Benzo(a)anthracene                               | 800    |           | ug/kg | 110 | 20. | 1               |
| Benzo(a)pyrene                                   | 900    |           | ug/kg | 140 | 44. | 1               |
| Benzo(b)fluoranthene                             | 1200   |           | ug/kg | 110 | 31. | 1               |
| Benzo(k)fluoranthene                             | 440    |           | ug/kg | 110 | 29. | 1               |
| Chrysene                                         | 930    |           | ug/kg | 110 | 19. | 1               |
| Acenaphthylene                                   | 330    |           | ug/kg | 140 | 28. | 1               |
| Anthracene                                       | 220    |           | ug/kg | 110 | 36. | 1               |
| Benzo(ghi)perylene                               | 500    |           | ug/kg | 140 | 21. | 1               |
| Fluorene                                         | 130    | J         | ug/kg | 180 | 18. | 1               |
| Phenanthrene                                     | 1900   |           | ug/kg | 110 | 22. | 1               |
| Dibenzo(a,h)anthracene                           | 140    |           | ug/kg | 110 | 21. | 1               |
| Indeno(1,2,3-cd)pyrene                           | 510    |           | ug/kg | 140 | 25. | 1               |
| Pyrene                                           | 1500   |           | ug/kg | 110 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 420 | 24. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 33. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 35. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 34. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 75. | 1               |
| Dibenzofuran                                     | 120    | J         | ug/kg | 180 | 17. | 1               |
| 2-Methylnaphthalene                              | 45     | J         | ug/kg | 220 | 22. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 19. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 34. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 27. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 29. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 60. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 390 | 68. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 260 | 74. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 870 | 85. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 470 | 87. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 40. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 28. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 28. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 260 | 28. | 1               |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**SAMPLE RESULTS**

**Lab ID:** L2327332-03  
**Client ID:** SR1-10\_26-28  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/17/23 13:30  
**Date Received:** 05/17/23  
**Field Prep:** Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 35. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 590 | 180 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 56. | 1               |
| Carbazole                                        | 180    |           | ug/kg | 180 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 27  | 8.4 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 69         |           | 25-120              |
| Phenol-d6            | 64         |           | 10-120              |
| Nitrobenzene-d5      | 68         |           | 23-120              |
| 2-Fluorobiphenyl     | 65         |           | 30-120              |
| 2,4,6-Tribromophenol | 65         |           | 10-136              |
| 4-Terphenyl-d14      | 60         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-03 RE  
 Client ID: SR1-10\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:30  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 06/11/23 19:01  
 Analyst: SL  
 Percent Solids: 90%

Extraction Method: EPA 1633  
 Extraction Date: 06/09/23 16:50  
 Cleanup Method: EPA 1633  
 Cleanup Date: 06/11/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.751 | 0.047 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.375 | 0.053 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.188 | 0.041 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.188 | 0.044 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.188 | 0.022 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.188 | 0.056 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.180  | J         | ng/g  | 0.188 | 0.049 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.751 | 0.263 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.188 | 0.035 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.188 | 0.074 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | 0.098  | JF        | ng/g  | 0.188 | 0.074 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.188 | 0.071 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.751 | 0.363 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.188 | 0.094 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.188 | 0.048 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.188 | 0.030 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.188 | 0.041 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.188 | 0.077 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.188 | 0.038 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.188 | 0.050 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.188 | 0.100 | 1               |
| PFOA/PFOS, Total                                          | 0.278  | J         | ng/g  | 0.188 | 0.049 | 1               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-03 RE  
 Client ID: SR1-10\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:30  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 77         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 78         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 91         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 72         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 82         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 80         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 77         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 82         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 70         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 71         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 72         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 73         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 69         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 74         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 63         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 76         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 63         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 38         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-04  
 Client ID: SR1-11\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:50  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/22/23 22:57  
 Analyst: JG  
 Percent Solids: 92%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 15:52

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 18. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 20. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 100 | 20. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 24. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 17. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 32. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 30. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 31. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 47. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 35. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 30. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 100 | 20. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 19. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 27. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 210 | 30. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 190 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 26. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 500 | 160 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 28. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 23. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 180 | 21. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 160 | 26. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 20. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 27. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 61. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 44. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 33. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 60. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-04**Date Collected:** 05/17/23 12:50**Client ID:** SR1-11\_14-16**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 16. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 37. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 100 | 20. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 43. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 100 | 30. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 100 | 28. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 100 | 18. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 27. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 100 | 34. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 21. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 180 | 17. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 100 | 21. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 100 | 20. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 24. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 100 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 400 | 23. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 32. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 34. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 33. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 73. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 180 | 17. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 210 | 21. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 18. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 100 | 33. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 26. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 21. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 28. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 58. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 380 | 66. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 250 | 72. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 840 | 82. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 460 | 84. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 39. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 26. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 27. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 250 | 28. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-04**Date Collected:** 05/17/23 12:50**Client ID:** SR1-11\_14-16**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 34. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 570 | 180 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 54. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 180 | 17. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 26  | 8.1 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 78         |           | 25-120              |
| Phenol-d6            | 71         |           | 10-120              |
| Nitrobenzene-d5      | 72         |           | 23-120              |
| 2-Fluorobiphenyl     | 69         |           | 30-120              |
| 2,4,6-Tribromophenol | 69         |           | 10-136              |
| 4-Terphenyl-d14      | 70         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-04 RE  
 Client ID: SR1-11\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:50  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 06/11/23 19:14  
 Analyst: SL  
 Percent Solids: 92%

Extraction Method: EPA 1633  
 Extraction Date: 06/09/23 16:50  
 Cleanup Method: EPA 1633  
 Cleanup Date: 06/11/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.765 | 0.048 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.382 | 0.054 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.191 | 0.041 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.191 | 0.044 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.191 | 0.022 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.191 | 0.057 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | ND     |           | ng/g  | 0.191 | 0.050 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.765 | 0.268 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.191 | 0.035 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.191 | 0.075 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | 0.482  |           | ng/g  | 0.191 | 0.076 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.191 | 0.072 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.765 | 0.370 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.191 | 0.096 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.191 | 0.049 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.191 | 0.031 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.191 | 0.041 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.191 | 0.079 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.191 | 0.039 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.191 | 0.051 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.191 | 0.102 | 1               |
| PFOA/PFOS, Total                                          | 0.482  |           | ng/g  | 0.191 | 0.050 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-04 RE  
 Client ID: SR1-11\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:50  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 81         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 83         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 89         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 73         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 85         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 85         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 100        |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 78         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 73         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 81         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 77         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 77         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 82         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 78         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 69         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 104        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 74         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 45         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-05  
 Client ID: SR1-11\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:55  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/22/23 23:14  
 Analyst: JG  
 Percent Solids: 95%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 15:52

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 18. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 170 | 19. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 100 | 19. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 150 | 23. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 170 | 17. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 29. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 170 | 30. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 170 | 45. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 34. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 170 | 29. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 100 | 20. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 170 | 18. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 200 | 29. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 180 | 17. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 170 | 25. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 490 | 150 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 28. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 150 | 22. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 170 | 21. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 150 | 25. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 19. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 170 | 26. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 170 | 59. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 170 | 43. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 170 | 32. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 170 | 58. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-05  
 Client ID: SR1-11\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:55  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 170 | 16. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 170 | 36. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 100 | 19. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 42. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 100 | 29. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 100 | 27. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 100 | 18. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 26. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 100 | 33. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 20. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 170 | 16. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 100 | 21. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 100 | 20. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 24. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 100 | 17. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 390 | 22. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 170 | 31. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 170 | 33. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 170 | 32. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 170 | 70. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 170 | 16. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 200 | 20. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 170 | 18. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 170 | 21. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 100 | 32. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 170 | 25. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 170 | 20. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 150 | 27. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 170 | 56. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 370 | 64. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 240 | 69. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 820 | 79. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 440 | 82. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 37. | 1               |
| Phenol                                           | ND     |           | ug/kg | 170 | 26. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 170 | 26. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 240 | 27. | 1               |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-05**Date Collected:** 05/17/23 12:55**Client ID:** SR1-11\_20-22**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 170 | 33. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 550 | 170 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 170 | 52. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 170 | 16. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 26  | 7.8 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 78         |           | 25-120              |
| Phenol-d6            | 73         |           | 10-120              |
| Nitrobenzene-d5      | 74         |           | 23-120              |
| 2-Fluorobiphenyl     | 78         |           | 30-120              |
| 2,4,6-Tribromophenol | 79         |           | 10-136              |
| 4-Terphenyl-d14      | 81         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-05 RE  
 Client ID: SR1-11\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:55  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 06/11/23 19:27  
 Analyst: SL  
 Percent Solids: 95%

Extraction Method: EPA 1633  
 Extraction Date: 06/09/23 16:50  
 Cleanup Method: EPA 1633  
 Cleanup Date: 06/11/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.784 | 0.049 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.392 | 0.055 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.196 | 0.042 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.196 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.196 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.196 | 0.058 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | ND     |           | ng/g  | 0.196 | 0.051 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.784 | 0.274 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.196 | 0.036 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.196 | 0.077 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.196 | 0.078 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.196 | 0.074 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.784 | 0.380 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.196 | 0.098 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.196 | 0.050 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.196 | 0.031 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.196 | 0.042 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.196 | 0.081 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.196 | 0.040 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.196 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.196 | 0.104 | 1               |
| PFOA/PFOS, Total                                          | ND     |           | ng/g  | 0.196 | 0.051 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-05 RE  
 Client ID: SR1-11\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:55  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 81         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 84         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 85         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 78         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 88         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 81         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 88         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 76         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 78         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 77         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 76         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 73         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 81         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 84         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 71         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 107        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 66         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 30         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-06  
 Client ID: SR1-11\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:00  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/22/23 23:30  
 Analyst: JG  
 Percent Solids: 94%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 15:52

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 140 | 18. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 180 | 20. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 100 | 20. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 160 | 24. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 180 | 17. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 31. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 30. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 180 | 30. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 180 | 47. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 35. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 180 | 30. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 100 | 20. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 180 | 19. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 180 | 27. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 210 | 30. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 190 | 18. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 180 | 26. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 500 | 160 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 140 | 28. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 160 | 23. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 180 | 21. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 160 | 26. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 140 | 20. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 180 | 27. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 180 | 61. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 180 | 44. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 180 | 33. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 180 | 60. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-06**Date Collected:** 05/17/23 13:00**Client ID:** SR1-11\_26-28**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 180 | 16. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 180 | 37. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 100 | 20. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 140 | 43. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 100 | 30. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 100 | 28. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 100 | 18. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 140 | 27. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 100 | 34. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 140 | 21. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 180 | 17. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 100 | 21. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 100 | 20. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 140 | 24. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 100 | 17. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 400 | 23. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 180 | 32. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 180 | 34. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 180 | 33. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 180 | 72. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 180 | 16. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 210 | 21. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 180 | 18. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 180 | 22. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 100 | 33. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 180 | 26. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 180 | 21. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 160 | 28. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 180 | 58. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 380 | 66. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 240 | 72. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 840 | 82. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 460 | 84. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 140 | 38. | 1               |
| Phenol                                           | ND     |           | ug/kg | 180 | 26. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 180 | 27. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 250 | 27. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-06**Date Collected:** 05/17/23 13:00**Client ID:** SR1-11\_26-28**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 180 | 34. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 570 | 180 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 180 | 54. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 180 | 17. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 26  | 8.1 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 74         |           | 25-120              |
| Phenol-d6            | 68         |           | 10-120              |
| Nitrobenzene-d5      | 70         |           | 23-120              |
| 2-Fluorobiphenyl     | 67         |           | 30-120              |
| 2,4,6-Tribromophenol | 65         |           | 10-136              |
| 4-Terphenyl-d14      | 64         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-06 RE  
 Client ID: SR1-11\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:00  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 06/11/23 20:30  
 Analyst: SL  
 Percent Solids: 94%

Extraction Method: EPA 1633  
 Extraction Date: 06/09/23 17:14  
 Cleanup Method: EPA 1633  
 Cleanup Date: 06/11/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.783 | 0.049 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.391 | 0.055 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.196 | 0.042 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.196 | 0.045 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.196 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.196 | 0.058 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.070  | J         | ng/g  | 0.196 | 0.051 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.783 | 0.274 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.196 | 0.036 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.196 | 0.077 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.196 | 0.078 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.196 | 0.074 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.783 | 0.379 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.196 | 0.098 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.196 | 0.050 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.196 | 0.031 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.196 | 0.042 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.196 | 0.081 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.196 | 0.040 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.196 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.196 | 0.104 | 1               |
| PFOA/PFOS, Total                                          | 0.070  | J         | ng/g  | 0.196 | 0.051 | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-06 RE  
 Client ID: SR1-11\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:00  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 77         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 78         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 73         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 79         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 91         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 77         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 90         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 74         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 77         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 81         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 78         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 79         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 77         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 78         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 67         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 91         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 62         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 36         |           | 20-150              |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-07  
 Client ID: SR1-12\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:00  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/22/23 23:47  
 Analyst: JG  
 Percent Solids: 77%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 15:52

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 170 | 22. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 210 | 24. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 130 | 24. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 190 | 29. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 210 | 21. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 210 | 38. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 210 | 37. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 210 | 38. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 210 | 57. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 210 | 43. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 210 | 37. | 1               |
| Fluoranthene                                     | 250    |           | ug/kg | 130 | 25. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 210 | 23. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 210 | 33. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 260 | 37. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 230 | 22. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 210 | 31. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 610 | 190 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 170 | 35. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 190 | 28. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 210 | 26. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 190 | 32. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 170 | 24. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 210 | 33. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 210 | 74. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 210 | 54. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 210 | 41. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 210 | 73. | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-07  
 Client ID: SR1-12\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:00  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL   | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|------|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |      |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 210  | 20. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 210  | 45. | 1               |
| Benzo(a)anthracene                               | 120    | J         | ug/kg | 130  | 24. | 1               |
| Benzo(a)pyrene                                   | 100    | J         | ug/kg | 170  | 52. | 1               |
| Benzo(b)fluoranthene                             | 130    |           | ug/kg | 130  | 36. | 1               |
| Benzo(k)fluoranthene                             | 40     | J         | ug/kg | 130  | 34. | 1               |
| Chrysene                                         | 110    | J         | ug/kg | 130  | 22. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 170  | 33. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 130  | 42. | 1               |
| Benzo(ghi)perylene                               | 64     | J         | ug/kg | 170  | 25. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 210  | 21. | 1               |
| Phenanthrene                                     | 140    |           | ug/kg | 130  | 26. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 130  | 25. | 1               |
| Indeno(1,2,3-cd)pyrene                           | 55     | J         | ug/kg | 170  | 30. | 1               |
| Pyrene                                           | 210    |           | ug/kg | 130  | 21. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 490  | 28. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 210  | 39. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 210  | 41. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 210  | 40. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 210  | 89. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 210  | 20. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 260  | 26. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 210  | 22. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 210  | 26. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 130  | 41. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 210  | 32. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 210  | 25. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 190  | 34. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 210  | 71. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 460  | 81. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 300  | 88. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 1000 | 100 | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 560  | 100 | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 170  | 47. | 1               |
| Phenol                                           | ND     |           | ug/kg | 210  | 32. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 210  | 33. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 310  | 34. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-07**Date Collected:** 05/17/23 12:00**Client ID:** SR1-12\_14-16**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 210 | 41. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 700 | 220 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 210 | 66. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 210 | 21. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 32  | 9.9 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 80         |           | 25-120              |
| Phenol-d6            | 75         |           | 10-120              |
| Nitrobenzene-d5      | 75         |           | 23-120              |
| 2-Fluorobiphenyl     | 73         |           | 30-120              |
| 2,4,6-Tribromophenol | 78         |           | 10-136              |
| 4-Terphenyl-d14      | 75         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-07 RE  
 Client ID: SR1-12\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:00  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 06/11/23 20:42  
 Analyst: SL  
 Percent Solids: 77%

Extraction Method: EPA 1633  
 Extraction Date: 06/09/23 17:23  
 Cleanup Method: EPA 1633  
 Cleanup Date: 06/11/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.793 | 0.050 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.396 | 0.056 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.198 | 0.043 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.198 | 0.046 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.198 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.198 | 0.059 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | 0.063  | J         | ng/g  | 0.198 | 0.052 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.793 | 0.278 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.198 | 0.037 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.198 | 0.078 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.198 | 0.079 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.198 | 0.075 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.793 | 0.384 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.198 | 0.099 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.198 | 0.051 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.198 | 0.032 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.198 | 0.043 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.198 | 0.082 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.198 | 0.040 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.198 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.198 | 0.105 | 1               |
| PFOA/PFOS, Total                                          | 0.063  | J         | ng/g  | 0.198 | 0.052 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-07 RE  
 Client ID: SR1-12\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:00  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 74         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 78         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 74         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 75         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 90         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 76         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 84         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 77         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 70         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 73         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 77         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 70         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 71         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 74         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 58         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 91         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 61         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 30         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-08  
 Client ID: SR1-12\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:05  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/23/23 00:04  
 Analyst: JG  
 Percent Solids: 80%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 15:52

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | 45     | J         | ug/kg | 160 | 21. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 210 | 24. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 120 | 23. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 180 | 28. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 210 | 20. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 210 | 37. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 210 | 36. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 210 | 36. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 210 | 55. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 210 | 41. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 210 | 35. | 1               |
| Fluoranthene                                     | 1100   |           | ug/kg | 120 | 24. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 210 | 22. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 210 | 32. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 250 | 35. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 220 | 21. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 210 | 30. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 590 | 190 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 160 | 33. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 180 | 27. | 1               |
| Naphthalene                                      | 28     | J         | ug/kg | 210 | 25. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 180 | 30. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 160 | 23. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 210 | 32. | 1               |
| Bis(2-ethylhexyl)phthalate                       | 150    | J         | ug/kg | 210 | 71. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 210 | 52. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 210 | 39. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 210 | 70. | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-08

Date Collected: 05/17/23 12:05

Client ID: SR1-12\_20-22

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 210 | 19. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 210 | 43. | 1               |
| Benzo(a)anthracene                               | 460    |           | ug/kg | 120 | 23. | 1               |
| Benzo(a)pyrene                                   | 440    |           | ug/kg | 160 | 50. | 1               |
| Benzo(b)fluoranthene                             | 520    |           | ug/kg | 120 | 35. | 1               |
| Benzo(k)fluoranthene                             | 180    |           | ug/kg | 120 | 33. | 1               |
| Chrysene                                         | 430    |           | ug/kg | 120 | 21. | 1               |
| Acenaphthylene                                   | 39     | J         | ug/kg | 160 | 32. | 1               |
| Anthracene                                       | 180    |           | ug/kg | 120 | 40. | 1               |
| Benzo(ghi)perylene                               | 230    |           | ug/kg | 160 | 24. | 1               |
| Fluorene                                         | 51     | J         | ug/kg | 210 | 20. | 1               |
| Phenanthrene                                     | 760    |           | ug/kg | 120 | 25. | 1               |
| Dibenzo(a,h)anthracene                           | 58     | J         | ug/kg | 120 | 24. | 1               |
| Indeno(1,2,3-cd)pyrene                           | 200    |           | ug/kg | 160 | 29. | 1               |
| Pyrene                                           | 900    |           | ug/kg | 120 | 20. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 470 | 27. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 210 | 38. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 210 | 40. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 210 | 39. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 210 | 85. | 1               |
| Dibenzofuran                                     | 34     | J         | ug/kg | 210 | 20. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 250 | 25. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 210 | 22. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 210 | 26. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 120 | 39. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 210 | 31. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 210 | 24. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 180 | 33. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 210 | 68. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 440 | 78. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 290 | 84. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 990 | 96. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 540 | 99. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 160 | 45. | 1               |
| Phenol                                           | ND     |           | ug/kg | 210 | 31. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 210 | 32. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 300 | 32. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-08**Date Collected:** 05/17/23 12:05**Client ID:** SR1-12\_20-22**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 210 | 40. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 670 | 210 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 210 | 63. | 1               |
| Carbazole                                        | 70     | J         | ug/kg | 210 | 20. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 31  | 9.5 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 76         |           | 25-120              |
| Phenol-d6            | 68         |           | 10-120              |
| Nitrobenzene-d5      | 71         |           | 23-120              |
| 2-Fluorobiphenyl     | 66         |           | 30-120              |
| 2,4,6-Tribromophenol | 70         |           | 10-136              |
| 4-Terphenyl-d14      | 69         |           | 18-120              |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-08 RE  
 Client ID: SR1-12\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:05  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 06/11/23 20:55  
 Analyst: SL  
 Percent Solids: 80%

Extraction Method: EPA 1633  
 Extraction Date: 06/09/23 17:25  
 Cleanup Method: EPA 1633  
 Cleanup Date: 06/11/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.733 | 0.046 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.366 | 0.051 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.183 | 0.040 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.183 | 0.043 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.183 | 0.021 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.183 | 0.054 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | ND     |           | ng/g  | 0.183 | 0.048 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.733 | 0.256 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.183 | 0.034 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.183 | 0.072 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.183 | 0.073 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.183 | 0.069 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.733 | 0.355 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.183 | 0.092 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.183 | 0.047 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.183 | 0.029 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.183 | 0.040 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.183 | 0.076 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.183 | 0.037 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.183 | 0.048 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.183 | 0.098 | 1               |
| PFOA/PFOS, Total                                          | ND     |           | ng/g  | 0.183 | 0.048 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-08 RE  
 Client ID: SR1-12\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:05  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 71         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 72         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 73         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 69         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 81         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 71         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 78         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 72         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 69         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 73         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 70         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 77         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 72         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 69         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 58         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 82         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 51         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 24         |           | 20-150              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-09  
 Client ID: SR1-12\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:10  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 05/23/23 00:20  
 Analyst: JG  
 Percent Solids: 89%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 15:52

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Acenaphthene                                     | ND     |           | ug/kg | 150 | 19. | 1               |
| 1,2,4-Trichlorobenzene                           | ND     |           | ug/kg | 190 | 21. | 1               |
| Hexachlorobenzene                                | ND     |           | ug/kg | 110 | 21. | 1               |
| Bis(2-chloroethyl)ether                          | ND     |           | ug/kg | 170 | 25. | 1               |
| 2-Chloronaphthalene                              | ND     |           | ug/kg | 190 | 18. | 1               |
| 1,2-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 34. | 1               |
| 1,3-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 32. | 1               |
| 1,4-Dichlorobenzene                              | ND     |           | ug/kg | 190 | 33. | 1               |
| 3,3'-Dichlorobenzidine                           | ND     |           | ug/kg | 190 | 50. | 1               |
| 2,4-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 37. | 1               |
| 2,6-Dinitrotoluene                               | ND     |           | ug/kg | 190 | 32. | 1               |
| Fluoranthene                                     | ND     |           | ug/kg | 110 | 21. | 1               |
| 4-Chlorophenyl phenyl ether                      | ND     |           | ug/kg | 190 | 20. | 1               |
| 4-Bromophenyl phenyl ether                       | ND     |           | ug/kg | 190 | 28. | 1               |
| Bis(2-chloroisopropyl)ether                      | ND     |           | ug/kg | 220 | 32. | 1               |
| Bis(2-chloroethoxy)methane                       | ND     |           | ug/kg | 200 | 19. | 1               |
| Hexachlorobutadiene                              | ND     |           | ug/kg | 190 | 27. | 1               |
| Hexachlorocyclopentadiene                        | ND     |           | ug/kg | 530 | 170 | 1               |
| Hexachloroethane                                 | ND     |           | ug/kg | 150 | 30. | 1               |
| Isophorone                                       | ND     |           | ug/kg | 170 | 24. | 1               |
| Naphthalene                                      | ND     |           | ug/kg | 190 | 23. | 1               |
| Nitrobenzene                                     | ND     |           | ug/kg | 170 | 28. | 1               |
| NDPA/DPA                                         | ND     |           | ug/kg | 150 | 21. | 1               |
| n-Nitrosodi-n-propylamine                        | ND     |           | ug/kg | 190 | 29. | 1               |
| Bis(2-ethylhexyl)phthalate                       | ND     |           | ug/kg | 190 | 65. | 1               |
| Butyl benzyl phthalate                           | ND     |           | ug/kg | 190 | 47. | 1               |
| Di-n-butylphthalate                              | ND     |           | ug/kg | 190 | 35. | 1               |
| Di-n-octylphthalate                              | ND     |           | ug/kg | 190 | 64. | 1               |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-09

Date Collected: 05/17/23 12:10

Client ID: SR1-12\_26-28

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| Diethyl phthalate                                | ND     |           | ug/kg | 190 | 17. | 1               |
| Dimethyl phthalate                               | ND     |           | ug/kg | 190 | 39. | 1               |
| Benzo(a)anthracene                               | ND     |           | ug/kg | 110 | 21. | 1               |
| Benzo(a)pyrene                                   | ND     |           | ug/kg | 150 | 46. | 1               |
| Benzo(b)fluoranthene                             | ND     |           | ug/kg | 110 | 31. | 1               |
| Benzo(k)fluoranthene                             | ND     |           | ug/kg | 110 | 30. | 1               |
| Chrysene                                         | ND     |           | ug/kg | 110 | 19. | 1               |
| Acenaphthylene                                   | ND     |           | ug/kg | 150 | 29. | 1               |
| Anthracene                                       | ND     |           | ug/kg | 110 | 36. | 1               |
| Benzo(ghi)perylene                               | ND     |           | ug/kg | 150 | 22. | 1               |
| Fluorene                                         | ND     |           | ug/kg | 190 | 18. | 1               |
| Phenanthrene                                     | ND     |           | ug/kg | 110 | 23. | 1               |
| Dibenzo(a,h)anthracene                           | ND     |           | ug/kg | 110 | 22. | 1               |
| Indeno(1,2,3-cd)pyrene                           | ND     |           | ug/kg | 150 | 26. | 1               |
| Pyrene                                           | ND     |           | ug/kg | 110 | 18. | 1               |
| Biphenyl                                         | ND     |           | ug/kg | 430 | 24. | 1               |
| 4-Chloroaniline                                  | ND     |           | ug/kg | 190 | 34. | 1               |
| 2-Nitroaniline                                   | ND     |           | ug/kg | 190 | 36. | 1               |
| 3-Nitroaniline                                   | ND     |           | ug/kg | 190 | 35. | 1               |
| 4-Nitroaniline                                   | ND     |           | ug/kg | 190 | 77. | 1               |
| Dibenzofuran                                     | ND     |           | ug/kg | 190 | 18. | 1               |
| 2-Methylnaphthalene                              | ND     |           | ug/kg | 220 | 22. | 1               |
| 1,2,4,5-Tetrachlorobenzene                       | ND     |           | ug/kg | 190 | 20. | 1               |
| Acetophenone                                     | ND     |           | ug/kg | 190 | 23. | 1               |
| 2,4,6-Trichlorophenol                            | ND     |           | ug/kg | 110 | 35. | 1               |
| p-Chloro-m-cresol                                | ND     |           | ug/kg | 190 | 28. | 1               |
| 2-Chlorophenol                                   | ND     |           | ug/kg | 190 | 22. | 1               |
| 2,4-Dichlorophenol                               | ND     |           | ug/kg | 170 | 30. | 1               |
| 2,4-Dimethylphenol                               | ND     |           | ug/kg | 190 | 62. | 1               |
| 2-Nitrophenol                                    | ND     |           | ug/kg | 400 | 70. | 1               |
| 4-Nitrophenol                                    | ND     |           | ug/kg | 260 | 76. | 1               |
| 2,4-Dinitrophenol                                | ND     |           | ug/kg | 900 | 87. | 1               |
| 4,6-Dinitro-o-cresol                             | ND     |           | ug/kg | 490 | 90. | 1               |
| Pentachlorophenol                                | ND     |           | ug/kg | 150 | 41. | 1               |
| Phenol                                           | ND     |           | ug/kg | 190 | 28. | 1               |
| 2-Methylphenol                                   | ND     |           | ug/kg | 190 | 29. | 1               |
| 3-Methylphenol/4-Methylphenol                    | ND     |           | ug/kg | 270 | 29. | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-09**Date Collected:** 05/17/23 12:10**Client ID:** SR1-12\_26-28**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                        | Result | Qualifier | Units | RL  | MDL | Dilution Factor |
|--------------------------------------------------|--------|-----------|-------|-----|-----|-----------------|
| Semivolatile Organics by GC/MS - Westborough Lab |        |           |       |     |     |                 |
| 2,4,5-Trichlorophenol                            | ND     |           | ug/kg | 190 | 36. | 1               |
| Benzoic Acid                                     | ND     |           | ug/kg | 600 | 190 | 1               |
| Benzyl Alcohol                                   | ND     |           | ug/kg | 190 | 57. | 1               |
| Carbazole                                        | ND     |           | ug/kg | 190 | 18. | 1               |
| 1,4-Dioxane                                      | ND     |           | ug/kg | 28  | 8.6 | 1               |

| Surrogate            | % Recovery | Qualifier | Acceptance Criteria |
|----------------------|------------|-----------|---------------------|
| 2-Fluorophenol       | 69         |           | 25-120              |
| Phenol-d6            | 65         |           | 10-120              |
| Nitrobenzene-d5      | 64         |           | 23-120              |
| 2-Fluorobiphenyl     | 66         |           | 30-120              |
| 2,4,6-Tribromophenol | 67         |           | 10-136              |
| 4-Terphenyl-d14      | 59         |           | 18-120              |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-09 RE  
 Client ID: SR1-12\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:10  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 144,1633  
 Analytical Date: 06/11/23 21:08  
 Analyst: SL  
 Percent Solids: 89%

Extraction Method: EPA 1633  
 Extraction Date: 06/09/23 17:28  
 Cleanup Method: EPA 1633  
 Cleanup Date: 06/11/23

| Parameter                                                 | Result | Qualifier | Units | RL    | MDL   | Dilution Factor |
|-----------------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab    |        |           |       |       |       |                 |
| Perfluorobutanoic Acid (PFBA)                             | ND     |           | ng/g  | 0.781 | 0.049 | 1               |
| Perfluoropentanoic Acid (PFPeA)                           | ND     |           | ng/g  | 0.390 | 0.055 | 1               |
| Perfluorobutanesulfonic Acid (PFBS)                       | ND     |           | ng/g  | 0.195 | 0.042 | 1               |
| Perfluorohexanoic Acid (PFHxA)                            | ND     |           | ng/g  | 0.195 | 0.045 | 1               |
| Perfluoroheptanoic Acid (PFHpA)                           | ND     |           | ng/g  | 0.195 | 0.023 | 1               |
| Perfluorohexanesulfonic Acid (PFHxS)                      | ND     |           | ng/g  | 0.195 | 0.058 | 1               |
| Perfluorooctanoic Acid (PFOA)                             | ND     |           | ng/g  | 0.195 | 0.051 | 1               |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)         | ND     |           | ng/g  | 0.781 | 0.273 | 1               |
| Perfluoroheptanesulfonic Acid (PFHpS)                     | ND     |           | ng/g  | 0.195 | 0.036 | 1               |
| Perfluorononanoic Acid (PFNA)                             | ND     |           | ng/g  | 0.195 | 0.077 | 1               |
| Perfluorooctanesulfonic Acid (PFOS)                       | ND     |           | ng/g  | 0.195 | 0.077 | 1               |
| Perfluorodecanoic Acid (PFDA)                             | ND     |           | ng/g  | 0.195 | 0.073 | 1               |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)         | ND     |           | ng/g  | 0.781 | 0.378 | 1               |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA) | ND     |           | ng/g  | 0.195 | 0.098 | 1               |
| Perfluoroundecanoic Acid (PFUnA)                          | ND     |           | ng/g  | 0.195 | 0.050 | 1               |
| Perfluorodecanesulfonic Acid (PFDS)                       | ND     |           | ng/g  | 0.195 | 0.031 | 1               |
| Perfluorooctanesulfonamide (PFOSA)                        | ND     |           | ng/g  | 0.195 | 0.042 | 1               |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)  | ND     |           | ng/g  | 0.195 | 0.080 | 1               |
| Perfluorododecanoic Acid (PFDoA)                          | ND     |           | ng/g  | 0.195 | 0.040 | 1               |
| Perfluorotridecanoic Acid (PFTrDA)                        | ND     |           | ng/g  | 0.195 | 0.052 | 1               |
| Perfluorotetradecanoic Acid (PFTeDA)                      | ND     |           | ng/g  | 0.195 | 0.104 | 1               |
| PFOA/PFOS, Total                                          | ND     |           | ng/g  | 0.195 | 0.051 | 1               |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-09 RE  
 Client ID: SR1-12\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:10  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

| Parameter                                              | Result | Qualifier | Units | RL | MDL | Dilution Factor |
|--------------------------------------------------------|--------|-----------|-------|----|-----|-----------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab |        |           |       |    |     |                 |

| Surrogate                                                           | % Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|------------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 77         |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 77         |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 86         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 74         |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 81         |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 80         |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 84         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 76         |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 72         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 76         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 71         |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 86         |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 82         |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 69         |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 66         |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 91         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 62         |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 36         |           | 20-150              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/22/23 21:17  
**Analyst:** JG

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/21/23 15:52

| Parameter                                                                                | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1781624-1 |        |           |       |     |     |
| Acenaphthene                                                                             | ND     |           | ug/kg | 130 | 17. |
| 1,2,4-Trichlorobenzene                                                                   | ND     |           | ug/kg | 160 | 19. |
| Hexachlorobenzene                                                                        | ND     |           | ug/kg | 99  | 18. |
| Bis(2-chloroethyl)ether                                                                  | ND     |           | ug/kg | 150 | 22. |
| 2-Chloronaphthalene                                                                      | ND     |           | ug/kg | 160 | 16. |
| 1,2-Dichlorobenzene                                                                      | ND     |           | ug/kg | 160 | 30. |
| 1,3-Dichlorobenzene                                                                      | ND     |           | ug/kg | 160 | 28. |
| 1,4-Dichlorobenzene                                                                      | ND     |           | ug/kg | 160 | 29. |
| 3,3'-Dichlorobenzidine                                                                   | ND     |           | ug/kg | 160 | 44. |
| 2,4-Dinitrotoluene                                                                       | ND     |           | ug/kg | 160 | 33. |
| 2,6-Dinitrotoluene                                                                       | ND     |           | ug/kg | 160 | 28. |
| Fluoranthene                                                                             | ND     |           | ug/kg | 99  | 19. |
| 4-Chlorophenyl phenyl ether                                                              | ND     |           | ug/kg | 160 | 18. |
| 4-Bromophenyl phenyl ether                                                               | ND     |           | ug/kg | 160 | 25. |
| Bis(2-chloroisopropyl)ether                                                              | ND     |           | ug/kg | 200 | 28. |
| Bis(2-chloroethoxy)methane                                                               | ND     |           | ug/kg | 180 | 16. |
| Hexachlorobutadiene                                                                      | ND     |           | ug/kg | 160 | 24. |
| Hexachlorocyclopentadiene                                                                | ND     |           | ug/kg | 470 | 150 |
| Hexachloroethane                                                                         | ND     |           | ug/kg | 130 | 27. |
| Isophorone                                                                               | ND     |           | ug/kg | 150 | 21. |
| Naphthalene                                                                              | ND     |           | ug/kg | 160 | 20. |
| Nitrobenzene                                                                             | ND     |           | ug/kg | 150 | 24. |
| NDPA/DPA                                                                                 | ND     |           | ug/kg | 130 | 19. |
| n-Nitrosodi-n-propylamine                                                                | ND     |           | ug/kg | 160 | 26. |
| Bis(2-ethylhexyl)phthalate                                                               | ND     |           | ug/kg | 160 | 57. |
| Butyl benzyl phthalate                                                                   | ND     |           | ug/kg | 160 | 42. |
| Di-n-butylphthalate                                                                      | ND     |           | ug/kg | 160 | 31. |
| Di-n-octylphthalate                                                                      | ND     |           | ug/kg | 160 | 56. |
| Diethyl phthalate                                                                        | ND     |           | ug/kg | 160 | 15. |



**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/22/23 21:17  
**Analyst:** JG

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/21/23 15:52

| Parameter                                                                                | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1781624-1 |        |           |       |     |     |
| Dimethyl phthalate                                                                       | ND     |           | ug/kg | 160 | 35. |
| Benzo(a)anthracene                                                                       | ND     |           | ug/kg | 99  | 19. |
| Benzo(a)pyrene                                                                           | ND     |           | ug/kg | 130 | 40. |
| Benzo(b)fluoranthene                                                                     | ND     |           | ug/kg | 99  | 28. |
| Benzo(k)fluoranthene                                                                     | ND     |           | ug/kg | 99  | 26. |
| Chrysene                                                                                 | ND     |           | ug/kg | 99  | 17. |
| Acenaphthylene                                                                           | ND     |           | ug/kg | 130 | 26. |
| Anthracene                                                                               | ND     |           | ug/kg | 99  | 32. |
| Benzo(ghi)perylene                                                                       | ND     |           | ug/kg | 130 | 19. |
| Fluorene                                                                                 | ND     |           | ug/kg | 160 | 16. |
| Phenanthrene                                                                             | ND     |           | ug/kg | 99  | 20. |
| Dibenzo(a,h)anthracene                                                                   | ND     |           | ug/kg | 99  | 19. |
| Indeno(1,2,3-cd)pyrene                                                                   | ND     |           | ug/kg | 130 | 23. |
| Pyrene                                                                                   | ND     |           | ug/kg | 99  | 16. |
| Biphenyl                                                                                 | ND     |           | ug/kg | 380 | 22. |
| 4-Chloroaniline                                                                          | ND     |           | ug/kg | 160 | 30. |
| 2-Nitroaniline                                                                           | ND     |           | ug/kg | 160 | 32. |
| 3-Nitroaniline                                                                           | ND     |           | ug/kg | 160 | 31. |
| 4-Nitroaniline                                                                           | ND     |           | ug/kg | 160 | 68. |
| Dibenzofuran                                                                             | ND     |           | ug/kg | 160 | 16. |
| 2-Methylnaphthalene                                                                      | ND     |           | ug/kg | 200 | 20. |
| 1,2,4,5-Tetrachlorobenzene                                                               | ND     |           | ug/kg | 160 | 17. |
| Acetophenone                                                                             | ND     |           | ug/kg | 160 | 20. |
| 2,4,6-Trichlorophenol                                                                    | ND     |           | ug/kg | 99  | 31. |
| p-Chloro-m-cresol                                                                        | ND     |           | ug/kg | 160 | 25. |
| 2-Chlorophenol                                                                           | ND     |           | ug/kg | 160 | 20. |
| 2,4-Dichlorophenol                                                                       | ND     |           | ug/kg | 150 | 27. |
| 2,4-Dimethylphenol                                                                       | ND     |           | ug/kg | 160 | 54. |
| 2-Nitrophenol                                                                            | ND     |           | ug/kg | 360 | 62. |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8270E  
**Analytical Date:** 05/22/23 21:17  
**Analyst:** JG

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/21/23 15:52

| Parameter                                                                                | Result | Qualifier | Units | RL  | MDL |
|------------------------------------------------------------------------------------------|--------|-----------|-------|-----|-----|
| Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1781624-1 |        |           |       |     |     |
| 4-Nitrophenol                                                                            | ND     |           | ug/kg | 230 | 68. |
| 2,4-Dinitrophenol                                                                        | ND     |           | ug/kg | 790 | 77. |
| 4,6-Dinitro-o-cresol                                                                     | ND     |           | ug/kg | 430 | 79. |
| Pentachlorophenol                                                                        | ND     |           | ug/kg | 130 | 36. |
| Phenol                                                                                   | ND     |           | ug/kg | 160 | 25. |
| 2-Methylphenol                                                                           | ND     |           | ug/kg | 160 | 26. |
| 3-Methylphenol/4-Methylphenol                                                            | ND     |           | ug/kg | 240 | 26. |
| 2,4,5-Trichlorophenol                                                                    | ND     |           | ug/kg | 160 | 32. |
| Benzoic Acid                                                                             | ND     |           | ug/kg | 540 | 170 |
| Benzyl Alcohol                                                                           | ND     |           | ug/kg | 160 | 51. |
| Carbazole                                                                                | ND     |           | ug/kg | 160 | 16. |
| 1,4-Dioxane                                                                              | ND     |           | ug/kg | 25  | 7.6 |

| Surrogate            | %Recovery | Qualifier | Acceptance Criteria |
|----------------------|-----------|-----------|---------------------|
| 2-Fluorophenol       | 72        |           | 25-120              |
| Phenol-d6            | 66        |           | 10-120              |
| Nitrobenzene-d5      | 69        |           | 23-120              |
| 2-Fluorobiphenyl     | 65        |           | 30-120              |
| 2,4,6-Tribromophenol | 66        |           | 10-136              |
| 4-Terphenyl-d14      | 69        |           | 18-120              |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 144,1633  
**Analytical Date:** 06/11/23 16:54  
**Analyst:** SL

**Extraction Method:** EPA 1633  
**Extraction Date:** 06/09/23 16:50  
**Cleanup Method:** EPA 1633  
**Cleanup Date:** 06/11/23

| Parameter                                                                                      | Result | Qualifier | Units | RL    | MDL   |
|------------------------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-09 Batch: WG1789444-1 |        |           |       |       |       |
| Perfluorobutanoic Acid (PFBA)                                                                  | ND     |           | ng/g  | 0.800 | 0.050 |
| Perfluoropentanoic Acid (PFPeA)                                                                | ND     |           | ng/g  | 0.400 | 0.056 |
| Perfluorobutanesulfonic Acid (PFBS)                                                            | ND     |           | ng/g  | 0.200 | 0.043 |
| Perfluorohexanoic Acid (PFHxA)                                                                 | ND     |           | ng/g  | 0.200 | 0.046 |
| Perfluoroheptanoic Acid (PFHpA)                                                                | ND     |           | ng/g  | 0.200 | 0.023 |
| Perfluorohexanesulfonic Acid (PFHxS)                                                           | ND     |           | ng/g  | 0.200 | 0.059 |
| Perfluorooctanoic Acid (PFOA)                                                                  | ND     |           | ng/g  | 0.200 | 0.052 |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)                                              | ND     |           | ng/g  | 0.800 | 0.280 |
| Perfluoroheptanesulfonic Acid (PFHpS)                                                          | ND     |           | ng/g  | 0.200 | 0.037 |
| Perfluorononanoic Acid (PFNA)                                                                  | ND     |           | ng/g  | 0.200 | 0.078 |
| Perfluorooctanesulfonic Acid (PFOS)                                                            | ND     |           | ng/g  | 0.200 | 0.079 |
| Perfluorodecanoic Acid (PFDA)                                                                  | ND     |           | ng/g  | 0.200 | 0.075 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)                                              | ND     |           | ng/g  | 0.800 | 0.387 |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)                                      | ND     |           | ng/g  | 0.200 | 0.100 |
| Perfluoroundecanoic Acid (PFUnA)                                                               | ND     |           | ng/g  | 0.200 | 0.051 |
| Perfluorodecanesulfonic Acid (PFDS)                                                            | ND     |           | ng/g  | 0.200 | 0.032 |
| Perfluorooctanesulfonamide (PFOSA)                                                             | ND     |           | ng/g  | 0.200 | 0.043 |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)                                       | ND     |           | ng/g  | 0.200 | 0.082 |
| Perfluorododecanoic Acid (PFDoA)                                                               | ND     |           | ng/g  | 0.200 | 0.041 |
| Perfluorotridecanoic Acid (PFTrDA)                                                             | ND     |           | ng/g  | 0.200 | 0.053 |
| Perfluorotetradecanoic Acid (PFTeDA)                                                           | ND     |           | ng/g  | 0.200 | 0.106 |
| PFOA/PFOS, Total                                                                               | ND     |           | ng/g  | 0.200 | 0.052 |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**Method Blank Analysis  
Batch Quality Control**

**Analytical Method:** 144,1633  
**Analytical Date:** 06/11/23 16:54  
**Analyst:** SL

**Extraction Method:** EPA 1633  
**Extraction Date:** 06/09/23 16:50  
**Cleanup Method:** EPA 1633  
**Cleanup Date:** 06/11/23

| Parameter                                                                                      | Result | Qualifier | Units | RL | MDL |
|------------------------------------------------------------------------------------------------|--------|-----------|-------|----|-----|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-09 Batch: WG1789444-1 |        |           |       |    |     |

| Surrogate                                                           | %Recovery | Qualifier | Acceptance Criteria |
|---------------------------------------------------------------------|-----------|-----------|---------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 81        |           | 20-150              |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 90        |           | 20-150              |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 91        |           | 20-150              |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 83        |           | 20-150              |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 94        |           | 20-150              |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 86        |           | 20-150              |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 89        |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 78        |           | 20-150              |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 76        |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 80        |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 76        |           | 20-150              |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 75        |           | 20-150              |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 80        |           | 20-150              |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 79        |           | 20-150              |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 69        |           | 20-150              |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 96        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 62        |           | 20-150              |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 38        |           | 20-150              |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1781624-2 WG1781624-3 |                  |      |                   |      |                     |     |      |               |
| Acenaphthene                                                                                                | 59               |      | 57                |      | 31-137              | 3   |      | 50            |
| 1,2,4-Trichlorobenzene                                                                                      | 63               |      | 60                |      | 38-107              | 5   |      | 50            |
| Hexachlorobenzene                                                                                           | 62               |      | 57                |      | 40-140              | 8   |      | 50            |
| Bis(2-chloroethyl)ether                                                                                     | 58               |      | 58                |      | 40-140              | 0   |      | 50            |
| 2-Chloronaphthalene                                                                                         | 67               |      | 64                |      | 40-140              | 5   |      | 50            |
| 1,2-Dichlorobenzene                                                                                         | 61               |      | 59                |      | 40-140              | 3   |      | 50            |
| 1,3-Dichlorobenzene                                                                                         | 60               |      | 61                |      | 40-140              | 2   |      | 50            |
| 1,4-Dichlorobenzene                                                                                         | 58               |      | 60                |      | 28-104              | 3   |      | 50            |
| 3,3'-Dichlorobenzidine                                                                                      | 63               |      | 63                |      | 40-140              | 0   |      | 50            |
| 2,4-Dinitrotoluene                                                                                          | 97               |      | 88                |      | 40-132              | 10  |      | 50            |
| 2,6-Dinitrotoluene                                                                                          | 91               |      | 82                |      | 40-140              | 10  |      | 50            |
| Fluoranthene                                                                                                | 64               |      | 63                |      | 40-140              | 2   |      | 50            |
| 4-Chlorophenyl phenyl ether                                                                                 | 63               |      | 59                |      | 40-140              | 7   |      | 50            |
| 4-Bromophenyl phenyl ether                                                                                  | 65               |      | 60                |      | 40-140              | 8   |      | 50            |
| Bis(2-chloroisopropyl)ether                                                                                 | 61               |      | 58                |      | 40-140              | 5   |      | 50            |
| Bis(2-chloroethoxy)methane                                                                                  | 64               |      | 61                |      | 40-117              | 5   |      | 50            |
| Hexachlorobutadiene                                                                                         | 61               |      | 61                |      | 40-140              | 0   |      | 50            |
| Hexachlorocyclopentadiene                                                                                   | 34               | Q    | 33                | Q    | 40-140              | 3   |      | 50            |
| Hexachloroethane                                                                                            | 64               |      | 64                |      | 40-140              | 0   |      | 50            |
| Isophorone                                                                                                  | 63               |      | 60                |      | 40-140              | 5   |      | 50            |
| Naphthalene                                                                                                 | 61               |      | 59                |      | 40-140              | 3   |      | 50            |
| Nitrobenzene                                                                                                | 67               |      | 65                |      | 40-140              | 3   |      | 50            |
| NDPA/DPA                                                                                                    | 67               |      | 61                |      | 36-157              | 9   |      | 50            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1781624-2 WG1781624-3 |                  |      |                   |      |                     |     |      |               |
| n-Nitrosodi-n-propylamine                                                                                   | 64               |      | 61                |      | 32-121              | 5   |      | 50            |
| Bis(2-ethylhexyl)phthalate                                                                                  | 100              |      | 92                |      | 40-140              | 8   |      | 50            |
| Butyl benzyl phthalate                                                                                      | 86               |      | 88                |      | 40-140              | 2   |      | 50            |
| Di-n-butylphthalate                                                                                         | 83               |      | 79                |      | 40-140              | 5   |      | 50            |
| Di-n-octylphthalate                                                                                         | 108              |      | 101               |      | 40-140              | 7   |      | 50            |
| Diethyl phthalate                                                                                           | 74               |      | 68                |      | 40-140              | 8   |      | 50            |
| Dimethyl phthalate                                                                                          | 75               |      | 68                |      | 40-140              | 10  |      | 50            |
| Benzo(a)anthracene                                                                                          | 68               |      | 64                |      | 40-140              | 6   |      | 50            |
| Benzo(a)pyrene                                                                                              | 75               |      | 72                |      | 40-140              | 4   |      | 50            |
| Benzo(b)fluoranthene                                                                                        | 65               |      | 62                |      | 40-140              | 5   |      | 50            |
| Benzo(k)fluoranthene                                                                                        | 69               |      | 69                |      | 40-140              | 0   |      | 50            |
| Chrysene                                                                                                    | 66               |      | 64                |      | 40-140              | 3   |      | 50            |
| Acenaphthylene                                                                                              | 74               |      | 67                |      | 40-140              | 10  |      | 50            |
| Anthracene                                                                                                  | 63               |      | 62                |      | 40-140              | 2   |      | 50            |
| Benzo(ghi)perylene                                                                                          | 66               |      | 63                |      | 40-140              | 5   |      | 50            |
| Fluorene                                                                                                    | 62               |      | 58                |      | 40-140              | 7   |      | 50            |
| Phenanthrene                                                                                                | 61               |      | 59                |      | 40-140              | 3   |      | 50            |
| Dibenzo(a,h)anthracene                                                                                      | 65               |      | 62                |      | 40-140              | 5   |      | 50            |
| Indeno(1,2,3-cd)pyrene                                                                                      | 67               |      | 64                |      | 40-140              | 5   |      | 50            |
| Pyrene                                                                                                      | 63               |      | 63                |      | 35-142              | 0   |      | 50            |
| Biphenyl                                                                                                    | 66               |      | 62                |      | 37-127              | 6   |      | 50            |
| 4-Chloroaniline                                                                                             | 38               | Q    | 37                | Q    | 40-140              | 3   |      | 50            |
| 2-Nitroaniline                                                                                              | 90               |      | 80                |      | 47-134              | 12  |      | 50            |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1781624-2 WG1781624-3 |                  |      |                   |      |                     |     |      |               |
| 3-Nitroaniline                                                                                              | 53               |      | 46                |      | 26-129              | 14  |      | 50            |
| 4-Nitroaniline                                                                                              | 71               |      | 64                |      | 41-125              | 10  |      | 50            |
| Dibenzofuran                                                                                                | 62               |      | 59                |      | 40-140              | 5   |      | 50            |
| 2-Methylnaphthalene                                                                                         | 64               |      | 63                |      | 40-140              | 2   |      | 50            |
| 1,2,4,5-Tetrachlorobenzene                                                                                  | 64               |      | 62                |      | 40-117              | 3   |      | 50            |
| Acetophenone                                                                                                | 68               |      | 65                |      | 14-144              | 5   |      | 50            |
| 2,4,6-Trichlorophenol                                                                                       | 75               |      | 70                |      | 30-130              | 7   |      | 50            |
| p-Chloro-m-cresol                                                                                           | 77               |      | 71                |      | 26-103              | 8   |      | 50            |
| 2-Chlorophenol                                                                                              | 69               |      | 67                |      | 25-102              | 3   |      | 50            |
| 2,4-Dichlorophenol                                                                                          | 71               |      | 68                |      | 30-130              | 4   |      | 50            |
| 2,4-Dimethylphenol                                                                                          | 69               |      | 65                |      | 30-130              | 6   |      | 50            |
| 2-Nitrophenol                                                                                               | 88               |      | 86                |      | 30-130              | 2   |      | 50            |
| 4-Nitrophenol                                                                                               | 66               |      | 59                |      | 11-114              | 11  |      | 50            |
| 2,4-Dinitrophenol                                                                                           | 55               |      | 46                |      | 4-130               | 18  |      | 50            |
| 4,6-Dinitro-o-cresol                                                                                        | 95               |      | 87                |      | 10-130              | 9   |      | 50            |
| Pentachlorophenol                                                                                           | 52               |      | 51                |      | 17-109              | 2   |      | 50            |
| Phenol                                                                                                      | 71               |      | 68                |      | 26-90               | 4   |      | 50            |
| 2-Methylphenol                                                                                              | 65               |      | 63                |      | 30-130.             | 3   |      | 50            |
| 3-Methylphenol/4-Methylphenol                                                                               | 66               |      | 63                |      | 30-130              | 5   |      | 50            |
| 2,4,5-Trichlorophenol                                                                                       | 78               |      | 71                |      | 30-130              | 9   |      | 50            |
| Benzoic Acid                                                                                                | 17               |      | 17                |      | 10-110              | 0   |      | 50            |
| Benzyl Alcohol                                                                                              | 66               |      | 63                |      | 40-140              | 5   |      | 50            |
| Carbazole                                                                                                   | 65               |      | 62                |      | 54-128              | 5   |      | 50            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

| Parameter                                                                                                   | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1781624-2 WG1781624-3 |                  |      |                   |      |                     |     |      |               |
| 1,4-Dioxane                                                                                                 | 50               |      | 48                |      | 40-140              | 4   |      | 50            |

| Surrogate            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|----------------------|------------------|------|-------------------|------|------------------------|
| 2-Fluorophenol       | 75               |      | 69                |      | 25-120                 |
| Phenol-d6            | 71               |      | 65                |      | 10-120                 |
| Nitrobenzene-d5      | 74               |      | 68                |      | 23-120                 |
| 2-Fluorobiphenyl     | 69               |      | 64                |      | 30-120                 |
| 2,4,6-Tribromophenol | 72               |      | 62                |      | 10-136                 |
| 4-Terphenyl-d14      | 64               |      | 64                |      | 18-120                 |



## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327332

Report Date: 06/13/23

| Parameter                                                                                                       | Low Level<br>LCS<br>%Recovery | Qual | Low Level<br>LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------|------|--------------------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-09 Batch: WG1789444-2 LOW LEVEL |                               |      |                                |      |                     |     |      |               |
| Perfluorobutanoic Acid (PFBA)                                                                                   | 99                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluoropentanoic Acid (PFPeA)                                                                                 | 78                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorobutanesulfonic Acid (PFBS)                                                                             | 113                           |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorohexanoic Acid (PFHxA)                                                                                  | 105                           |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluoroheptanoic Acid (PFHpA)                                                                                 | 82                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorohexanesulfonic Acid (PFHxS)                                                                            | 88                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorooctanoic Acid (PFOA)                                                                                   | 85                            |      | -                              |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)                                                               | 100                           |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluoroheptanesulfonic Acid (PFHpS)                                                                           | 71                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorononanoic Acid (PFNA)                                                                                   | 88                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonic Acid (PFOS)                                                                             | 118                           |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorodecanoic Acid (PFDA)                                                                                   | 90                            |      | -                              |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)                                                               | 97                            |      | -                              |      | 40-150              | -   |      | 30            |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)                                                       | 60                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluoroundecanoic Acid (PFUnA)                                                                                | 110                           |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorodecanesulfonic Acid (PFDS)                                                                             | 91                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonamide (PFOSA)                                                                              | 88                            |      | -                              |      | 40-150              | -   |      | 30            |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)                                                        | 78                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorododecanoic Acid (PFDoA)                                                                                | 72                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorotridecanoic Acid (PFTrDA)                                                                              | 78                            |      | -                              |      | 40-150              | -   |      | 30            |
| Perfluorotetradecanoic Acid (PFTeDA)                                                                            | 115                           |      | -                              |      | 40-150              | -   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

| Parameter                                                                                                       | Low Level<br>LCS<br>%Recovery | Qual | Low Level<br>LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------|------|--------------------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-09 Batch: WG1789444-2 LOW LEVEL |                               |      |                                |      |                     |     |      |               |

| Surrogate                                                           | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|---------------------------------------------------------------------|------------------|------|-------------------|------|------------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 82               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 81               |      |                   |      | 20-150                 |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 80               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 74               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 82               |      |                   |      | 20-150                 |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 80               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 87               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 75               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 71               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 77               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 77               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 73               |      |                   |      | 20-150                 |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 84               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 76               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 71               |      |                   |      | 20-150                 |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 103              |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 68               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 37               |      |                   |      | 20-150                 |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                             | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
| Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-09 Batch: WG1789444-3 |                  |      |                   |      |                     |     |      |               |
| Perfluorobutanoic Acid (PFBA)                                                                         | 94               |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluoropentanoic Acid (PFPeA)                                                                       | 84               |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluorobutanesulfonic Acid (PFBS)                                                                   | 96               |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluorohexanoic Acid (PFHxA)                                                                        | 88               |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluoroheptanoic Acid (PFHpA)                                                                       | 72               |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluorohexanesulfonic Acid (PFHxS)                                                                  | 76               |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluorooctanoic Acid (PFOA)                                                                         | 72               |      | -                 |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)                                                     | 99               |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluoroheptanesulfonic Acid (PFHpS)                                                                 | 82               |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluorononanoic Acid (PFNA)                                                                         | 100              |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonic Acid (PFOS)                                                                   | 97               |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluorodecanoic Acid (PFDA)                                                                         | 83               |      | -                 |      | 40-150              | -   |      | 30            |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)                                                     | 80               |      | -                 |      | 40-150              | -   |      | 30            |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)                                             | 105              |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluoroundecanoic Acid (PFUnA)                                                                      | 98               |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluorodecanesulfonic Acid (PFDS)                                                                   | 90               |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluorooctanesulfonamide (PFOSA)                                                                    | 93               |      | -                 |      | 40-150              | -   |      | 30            |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)                                              | 72               |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluorododecanoic Acid (PFDoA)                                                                      | 71               |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluorotridecanoic Acid (PFTrDA)                                                                    | 73               |      | -                 |      | 40-150              | -   |      | 30            |
| Perfluorotetradecanoic Acid (PFTeDA)                                                                  | 118              |      | -                 |      | 40-150              | -   |      | 30            |

## Lab Control Sample Analysis

### Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

| Parameter | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits |
|-----------|------------------|------|-------------------|------|---------------------|-----|------|---------------|
|-----------|------------------|------|-------------------|------|---------------------|-----|------|---------------|

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-09 Batch: WG1789444-3

| Surrogate                                                           | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria |
|---------------------------------------------------------------------|------------------|------|-------------------|------|------------------------|
| Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)                         | 79               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)                       | 78               |      |                   |      | 20-150                 |
| Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)             | 79               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)              | 81               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)               | 91               |      |                   |      | 20-150                 |
| Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)            | 77               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)                         | 89               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS) | 78               |      |                   |      | 20-150                 |
| Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)                         | 74               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)                   | 73               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)             | 69               |      |                   |      | 20-150                 |
| 1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS) | 73               |      |                   |      | 20-150                 |
| N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)  | 74               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)        | 74               |      |                   |      | 20-150                 |
| Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)                    | 66               |      |                   |      | 20-150                 |
| N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)   | 99               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)                  | 67               |      |                   |      | 20-150                 |
| Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)              | 34               |      |                   |      | 20-150                 |

# PCBS

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**SAMPLE RESULTS**

**Lab ID:** L2327332-01  
**Client ID:** SR1-10\_14-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/17/23 13:20  
**Date Received:** 05/17/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/22/23 12:51  
**Analyst:** JM  
**Percent Solids:** 96%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/21/23 18:12  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/22/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 48.7 | 4.32 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 48.7 | 4.88 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 48.7 | 10.3 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 48.7 | 6.56 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 48.7 | 7.30 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 48.7 | 5.33 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 48.7 | 9.00 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 48.7 | 6.18 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 48.7 | 5.04 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 48.7 | 4.32 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 88         |           | 30-150              | A      |
| Decachlorobiphenyl           | 78         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 89         |           | 30-150              | B      |
| Decachlorobiphenyl           | 75         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**SAMPLE RESULTS**

**Lab ID:** L2327332-02  
**Client ID:** SR1-10\_20-22  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/17/23 13:25  
**Date Received:** 05/17/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/22/23 12:59  
**Analyst:** JM  
**Percent Solids:** 96%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/21/23 18:12  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/22/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 52.1 | 4.63 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 52.1 | 5.22 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 52.1 | 11.0 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 52.1 | 7.02 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 52.1 | 7.81 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 52.1 | 5.70 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 52.1 | 9.63 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 52.1 | 6.62 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 52.1 | 5.40 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 52.1 | 4.63 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 81         |           | 30-150              | A      |
| Decachlorobiphenyl           | 74         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 84         |           | 30-150              | B      |
| Decachlorobiphenyl           | 73         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-03  
 Client ID: SR1-10\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:30  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/22/23 13:07  
 Analyst: JM  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 18:12  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/22/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 51.4 | 4.57 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 51.4 | 5.15 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 51.4 | 10.9 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 51.4 | 6.93 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 51.4 | 7.72 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 51.4 | 5.63 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 51.4 | 9.51 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 51.4 | 6.53 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 51.4 | 5.33 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 51.4 | 4.57 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 80         |           | 30-150              | A      |
| Decachlorobiphenyl           | 72         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 80         |           | 30-150              | B      |
| Decachlorobiphenyl           | 70         |           | 30-150              | B      |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-04  
 Client ID: SR1-11\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:50  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/22/23 13:15  
 Analyst: JM  
 Percent Solids: 92%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 18:12  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/22/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 52.0 | 4.62 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 52.0 | 5.21 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 52.0 | 11.0 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 52.0 | 7.01 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 52.0 | 7.80 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 52.0 | 5.69 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 52.0 | 9.62 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 52.0 | 6.61 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 52.0 | 5.39 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 52.0 | 4.62 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 79         |           | 30-150              | A      |
| Decachlorobiphenyl           | 72         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 81         |           | 30-150              | B      |
| Decachlorobiphenyl           | 71         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-05  
 Client ID: SR1-11\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:55  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/22/23 13:23  
 Analyst: JM  
 Percent Solids: 95%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 18:12  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/22/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 50.7 | 4.50 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 50.7 | 5.08 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 50.7 | 10.8 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 50.7 | 6.84 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 50.7 | 7.61 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 50.7 | 5.55 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 50.7 | 9.37 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 50.7 | 6.44 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 50.7 | 5.25 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 50.7 | 4.50 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 83         |           | 30-150              | A      |
| Decachlorobiphenyl           | 76         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 85         |           | 30-150              | B      |
| Decachlorobiphenyl           | 75         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**SAMPLE RESULTS**

**Lab ID:** L2327332-06  
**Client ID:** SR1-11\_26-28  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/17/23 13:00  
**Date Received:** 05/17/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/22/23 13:31  
**Analyst:** JM  
**Percent Solids:** 94%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/21/23 18:12  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/22/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 50.8 | 4.52 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 50.8 | 5.09 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 50.8 | 10.8 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 50.8 | 6.85 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 50.8 | 7.63 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 50.8 | 5.56 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 50.8 | 9.40 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 50.8 | 6.46 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 50.8 | 5.27 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 50.8 | 4.52 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 85         |           | 30-150              | A      |
| Decachlorobiphenyl           | 75         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 86         |           | 30-150              | B      |
| Decachlorobiphenyl           | 73         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**SAMPLE RESULTS**

**Lab ID:** L2327332-07  
**Client ID:** SR1-12\_14-16  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/17/23 12:00  
**Date Received:** 05/17/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/23/23 15:45  
**Analyst:** RMP  
**Percent Solids:** 77%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/21/23 18:12  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/22/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 62.1 | 5.52 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 62.1 | 6.23 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 62.1 | 13.2 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 62.1 | 8.38 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 62.1 | 9.32 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 62.1 | 6.80 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 62.1 | 11.5 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 62.1 | 7.89 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 62.1 | 6.44 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 62.1 | 5.52 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 106        |           | 30-150              | A      |
| Decachlorobiphenyl           | 91         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 110        |           | 30-150              | B      |
| Decachlorobiphenyl           | 89         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**SAMPLE RESULTS**

**Lab ID:** L2327332-08  
**Client ID:** SR1-12\_20-22  
**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY

**Date Collected:** 05/17/23 12:05  
**Date Received:** 05/17/23  
**Field Prep:** Not Specified

**Sample Depth:**

**Matrix:** Soil  
**Analytical Method:** 1,8082A  
**Analytical Date:** 05/22/23 13:47  
**Analyst:** JM  
**Percent Solids:** 80%

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/21/23 18:12  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/22/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 61.8 | 5.49 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 61.8 | 6.20 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 61.8 | 13.1 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 61.8 | 8.34 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 61.8 | 9.28 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 61.8 | 6.77 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 61.8 | 11.4 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 61.8 | 7.86 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 61.8 | 6.41 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 61.8 | 5.49 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 73         |           | 30-150              | A      |
| Decachlorobiphenyl           | 69         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 74         |           | 30-150              | B      |
| Decachlorobiphenyl           | 69         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-09  
 Client ID: SR1-12\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:10  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 05/22/23 13:55  
 Analyst: JM  
 Percent Solids: 89%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 18:12  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 05/22/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL   | MDL  | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|------|------|-----------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab |        |           |       |      |      |                 |        |
| Aroclor 1016                                      | ND     |           | ug/kg | 53.8 | 4.78 | 1               | A      |
| Aroclor 1221                                      | ND     |           | ug/kg | 53.8 | 5.39 | 1               | A      |
| Aroclor 1232                                      | ND     |           | ug/kg | 53.8 | 11.4 | 1               | A      |
| Aroclor 1242                                      | ND     |           | ug/kg | 53.8 | 7.25 | 1               | A      |
| Aroclor 1248                                      | ND     |           | ug/kg | 53.8 | 8.07 | 1               | A      |
| Aroclor 1254                                      | ND     |           | ug/kg | 53.8 | 5.88 | 1               | A      |
| Aroclor 1260                                      | ND     |           | ug/kg | 53.8 | 9.94 | 1               | A      |
| Aroclor 1262                                      | ND     |           | ug/kg | 53.8 | 6.83 | 1               | A      |
| Aroclor 1268                                      | ND     |           | ug/kg | 53.8 | 5.57 | 1               | A      |
| PCBs, Total                                       | ND     |           | ug/kg | 53.8 | 4.78 | 1               | A      |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 84         |           | 30-150              | A      |
| Decachlorobiphenyl           | 77         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 87         |           | 30-150              | B      |
| Decachlorobiphenyl           | 77         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8082A  
**Analytical Date:** 05/22/23 12:27  
**Analyst:** JM

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/21/23 18:12  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 05/22/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/22/23

| Parameter                                                                                 | Result | Qualifier | Units | RL   | MDL  | Column |
|-------------------------------------------------------------------------------------------|--------|-----------|-------|------|------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-09 Batch: WG1781635-1 |        |           |       |      |      |        |
| Aroclor 1016                                                                              | ND     |           | ug/kg | 49.6 | 4.40 | A      |
| Aroclor 1221                                                                              | ND     |           | ug/kg | 49.6 | 4.97 | A      |
| Aroclor 1232                                                                              | ND     |           | ug/kg | 49.6 | 10.5 | A      |
| Aroclor 1242                                                                              | ND     |           | ug/kg | 49.6 | 6.69 | A      |
| Aroclor 1248                                                                              | ND     |           | ug/kg | 49.6 | 7.44 | A      |
| Aroclor 1254                                                                              | ND     |           | ug/kg | 49.6 | 5.43 | A      |
| Aroclor 1260                                                                              | ND     |           | ug/kg | 49.6 | 9.17 | A      |
| Aroclor 1262                                                                              | ND     |           | ug/kg | 49.6 | 6.30 | A      |
| Aroclor 1268                                                                              | ND     |           | ug/kg | 49.6 | 5.14 | A      |
| PCBs, Total                                                                               | ND     |           | ug/kg | 49.6 | 4.40 | A      |

| Surrogate                    | %Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|-----------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 86        |           | 30-150              | A      |
| Decachlorobiphenyl           | 81        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 87        |           | 30-150              | B      |
| Decachlorobiphenyl           | 77        |           | 30-150              | B      |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|--------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-09 Batch: WG1781635-2 WG1781635-3 |                  |      |                   |      |                     |     |      |               |        |
| Aroclor 1016                                                                                                 | 76               |      | 78                |      | 40-140              | 3   |      | 50            | A      |
| Aroclor 1260                                                                                                 | 68               |      | 68                |      | 40-140              | 0   |      | 50            | A      |

| Surrogate                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | Acceptance<br>Criteria | Column |
|------------------------------|------------------|------|-------------------|------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 81               |      | 86                |      | 30-150                 | A      |
| Decachlorobiphenyl           | 72               |      | 76                |      | 30-150                 | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 81               |      | 87                |      | 30-150                 | B      |
| Decachlorobiphenyl           | 70               |      | 74                |      | 30-150                 | B      |



# PESTICIDES

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-01  
 Client ID: SR1-10\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:20  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/23/23 11:57  
 Analyst: AKM  
 Percent Solids: 96%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 18:56  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/22/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.64  | 0.321 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.683 | 0.305 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.683 | 0.194 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.64  | 0.622 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.820 | 0.368 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.64  | 0.577 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.07  | 0.922 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.683 | 0.280 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.05  | 0.717 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.64  | 0.422 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.02  | 0.512 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.64  | 0.379 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.64  | 0.585 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.64  | 1.32  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.64  | 0.387 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.64  | 0.548 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.683 | 0.325 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.07  | 0.956 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 30.7  | 8.61  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.05  | 0.571 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.05  | 0.541 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 13.7  | 5.43  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-01**Date Collected:** 05/17/23 13:20**Client ID:** SR1-10\_14-16**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 83         |           | 30-150              | A      |
| Decachlorobiphenyl           | 149        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 82         |           | 30-150              | B      |
| Decachlorobiphenyl           | 106        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-02  
 Client ID: SR1-10\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:25  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/23/23 12:08  
 Analyst: AKM  
 Percent Solids: 96%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 18:56  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/22/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.58  | 0.308 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.656 | 0.293 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.656 | 0.186 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.58  | 0.597 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.788 | 0.353 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.58  | 0.555 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 2.95  | 0.886 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.656 | 0.269 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 1.97  | 0.689 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.58  | 0.406 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 0.985 | 0.492 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.58  | 0.364 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.58  | 0.562 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.58  | 1.27  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.58  | 0.372 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.58  | 0.526 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.656 | 0.312 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 2.95  | 0.919 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 29.5  | 8.27  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 1.97  | 0.549 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 1.97  | 0.520 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 13.1  | 5.22  | 1               | A      |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-02

Date Collected: 05/17/23 13:25

Client ID: SR1-10\_20-22

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 86         |           | 30-150              | A      |
| Decachlorobiphenyl           | 157        | Q         | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 86         |           | 30-150              | B      |
| Decachlorobiphenyl           | 112        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-03  
 Client ID: SR1-10\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:30  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/23/23 12:19  
 Analyst: AKM  
 Percent Solids: 90%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 18:56  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/22/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.77  | 0.346 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.737 | 0.330 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.737 | 0.209 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.77  | 0.671 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.885 | 0.397 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.77  | 0.623 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.32  | 0.995 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.737 | 0.302 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.21  | 0.774 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.77  | 0.456 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.10  | 0.553 | 1               | A      |
| 4,4'-DDE                                          | 0.914  | J         | ug/kg | 1.77  | 0.409 | 1               | B      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.77  | 0.631 | 1               | A      |
| 4,4'-DDT                                          | 3.20   |           | ug/kg | 1.77  | 1.42  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.77  | 0.418 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.77  | 0.591 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.737 | 0.351 | 1               | A      |
| Methoxychlor                                      | 1.08   | JP        | ug/kg | 3.32  | 1.03  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 33.2  | 9.29  | 1               | A      |
| cis-Chlordane                                     | 1.86   | JIP       | ug/kg | 2.21  | 0.616 | 1               | B      |
| trans-Chlordane                                   | 4.25   | P         | ug/kg | 2.21  | 0.584 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.7  | 5.86  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-03**Date Collected:** 05/17/23 13:30**Client ID:** SR1-10\_26-28**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 73         |           | 30-150              | A      |
| Decachlorobiphenyl           | 135        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 76         |           | 30-150              | B      |
| Decachlorobiphenyl           | 98         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-04  
 Client ID: SR1-11\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:50  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/23/23 12:30  
 Analyst: AKM  
 Percent Solids: 92%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 18:56  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/22/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.69  | 0.331 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.704 | 0.314 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.704 | 0.200 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.69  | 0.640 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.844 | 0.378 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.69  | 0.595 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.17  | 0.950 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.704 | 0.288 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.11  | 0.739 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.69  | 0.435 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.06  | 0.528 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.69  | 0.390 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.69  | 0.602 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.69  | 1.36  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.69  | 0.399 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.69  | 0.564 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.704 | 0.335 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.17  | 0.985 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 31.7  | 8.87  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.11  | 0.588 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.11  | 0.557 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.1  | 5.59  | 1               | A      |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-04**Date Collected:** 05/17/23 12:50**Client ID:** SR1-11\_14-16**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 70         |           | 30-150              | A      |
| Decachlorobiphenyl           | 142        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 70         |           | 30-150              | B      |
| Decachlorobiphenyl           | 100        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-05  
 Client ID: SR1-11\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:55  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/23/23 12:42  
 Analyst: AKM  
 Percent Solids: 95%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 18:56  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/22/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.66  | 0.325 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.691 | 0.309 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.691 | 0.196 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.66  | 0.629 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.830 | 0.372 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.66  | 0.584 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.11  | 0.933 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.691 | 0.283 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.07  | 0.726 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.66  | 0.427 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.04  | 0.518 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.66  | 0.384 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.66  | 0.592 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.66  | 1.33  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.66  | 0.392 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.66  | 0.554 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.691 | 0.329 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.11  | 0.968 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 31.1  | 8.71  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.07  | 0.578 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.07  | 0.547 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 13.8  | 5.50  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-05**Date Collected:** 05/17/23 12:55**Client ID:** SR1-11\_20-22**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 79         |           | 30-150              | A      |
| Decachlorobiphenyl           | 147        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 79         |           | 30-150              | B      |
| Decachlorobiphenyl           | 99         |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-06  
 Client ID: SR1-11\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 13:00  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/23/23 12:53  
 Analyst: AKM  
 Percent Solids: 94%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 18:56  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/22/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.63  | 0.320 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.681 | 0.304 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.681 | 0.193 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.63  | 0.620 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.817 | 0.366 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.63  | 0.575 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.06  | 0.919 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.681 | 0.279 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.04  | 0.715 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.63  | 0.421 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.02  | 0.510 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.63  | 0.378 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.63  | 0.583 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.63  | 1.31  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.63  | 0.386 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.63  | 0.546 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.681 | 0.324 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.06  | 0.953 | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 30.6  | 8.58  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.04  | 0.569 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.04  | 0.539 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 13.6  | 5.41  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-06**Date Collected:** 05/17/23 13:00**Client ID:** SR1-11\_26-28**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 66         |           | 30-150              | A      |
| Decachlorobiphenyl           | 118        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 65         |           | 30-150              | B      |
| Decachlorobiphenyl           | 83         |           | 30-150              | B      |

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-07  
 Client ID: SR1-12\_14-16  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:00  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/23/23 13:04  
 Analyst: AKM  
 Percent Solids: 77%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 18:56  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/22/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.98  | 0.388 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.825 | 0.369 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.825 | 0.234 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.98  | 0.751 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.990 | 0.444 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.98  | 0.697 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.71  | 1.11  | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.825 | 0.338 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.48  | 0.866 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.98  | 0.510 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.24  | 0.619 | 1               | A      |
| 4,4'-DDE                                          | 0.818  | J         | ug/kg | 1.98  | 0.458 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.98  | 0.706 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.98  | 1.59  | 1               | B      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.98  | 0.468 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.98  | 0.662 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.825 | 0.393 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.71  | 1.16  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 37.1  | 10.4  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.48  | 0.690 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.48  | 0.653 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 16.5  | 6.56  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-07

Date Collected: 05/17/23 12:00

Client ID: SR1-12\_14-16

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 83         |           | 30-150              | A      |
| Decachlorobiphenyl           | 143        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 84         |           | 30-150              | B      |
| Decachlorobiphenyl           | 105        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-08  
 Client ID: SR1-12\_20-22  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:05  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/23/23 11:07  
 Analyst: AKM  
 Percent Solids: 80%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 18:56  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/22/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 2.00  | 0.391 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.832 | 0.372 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.832 | 0.236 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 2.00  | 0.757 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.998 | 0.447 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 2.00  | 0.703 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.74  | 1.12  | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.832 | 0.341 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.49  | 0.873 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 2.00  | 0.514 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.25  | 0.624 | 1               | A      |
| 4,4'-DDE                                          | 1.83   | J         | ug/kg | 2.00  | 0.462 | 1               | B      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 2.00  | 0.712 | 1               | A      |
| 4,4'-DDT                                          | 4.10   |           | ug/kg | 2.00  | 1.60  | 1               | B      |
| Endosulfan I                                      | ND     |           | ug/kg | 2.00  | 0.471 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 2.00  | 0.667 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.832 | 0.396 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.74  | 1.16  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 37.4  | 10.5  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.49  | 0.695 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.49  | 0.658 | 1               | B      |
| Chlordane                                         | ND     |           | ug/kg | 16.6  | 6.61  | 1               | A      |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-08**Date Collected:** 05/17/23 12:05**Client ID:** SR1-12\_20-22**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 80         |           | 30-150              | A      |
| Decachlorobiphenyl           | 104        |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 86         |           | 30-150              | B      |
| Decachlorobiphenyl           | 114        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-09  
 Client ID: SR1-12\_26-28  
 Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:10  
 Date Received: 05/17/23  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8081B  
 Analytical Date: 05/23/23 11:19  
 Analyst: AKM  
 Percent Solids: 89%

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 18:56  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/22/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/22/23

| Parameter                                         | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|-------|-------|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |       |       |                 |        |
| Delta-BHC                                         | ND     |           | ug/kg | 1.75  | 0.343 | 1               | A      |
| Lindane                                           | ND     |           | ug/kg | 0.730 | 0.326 | 1               | A      |
| Alpha-BHC                                         | ND     |           | ug/kg | 0.730 | 0.207 | 1               | A      |
| Beta-BHC                                          | ND     |           | ug/kg | 1.75  | 0.664 | 1               | A      |
| Heptachlor                                        | ND     |           | ug/kg | 0.876 | 0.393 | 1               | A      |
| Aldrin                                            | ND     |           | ug/kg | 1.75  | 0.617 | 1               | A      |
| Heptachlor epoxide                                | ND     |           | ug/kg | 3.28  | 0.986 | 1               | A      |
| Endrin                                            | ND     |           | ug/kg | 0.730 | 0.299 | 1               | A      |
| Endrin aldehyde                                   | ND     |           | ug/kg | 2.19  | 0.766 | 1               | A      |
| Endrin ketone                                     | ND     |           | ug/kg | 1.75  | 0.451 | 1               | A      |
| Dieldrin                                          | ND     |           | ug/kg | 1.10  | 0.548 | 1               | A      |
| 4,4'-DDE                                          | ND     |           | ug/kg | 1.75  | 0.405 | 1               | A      |
| 4,4'-DDD                                          | ND     |           | ug/kg | 1.75  | 0.625 | 1               | A      |
| 4,4'-DDT                                          | ND     |           | ug/kg | 1.75  | 1.41  | 1               | A      |
| Endosulfan I                                      | ND     |           | ug/kg | 1.75  | 0.414 | 1               | A      |
| Endosulfan II                                     | ND     |           | ug/kg | 1.75  | 0.586 | 1               | A      |
| Endosulfan sulfate                                | ND     |           | ug/kg | 0.730 | 0.348 | 1               | A      |
| Methoxychlor                                      | ND     |           | ug/kg | 3.28  | 1.02  | 1               | A      |
| Toxaphene                                         | ND     |           | ug/kg | 32.8  | 9.20  | 1               | A      |
| cis-Chlordane                                     | ND     |           | ug/kg | 2.19  | 0.610 | 1               | A      |
| trans-Chlordane                                   | ND     |           | ug/kg | 2.19  | 0.578 | 1               | A      |
| Chlordane                                         | ND     |           | ug/kg | 14.6  | 5.80  | 1               | A      |

**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-09**Date Collected:** 05/17/23 12:10**Client ID:** SR1-12\_26-28**Date Received:** 05/17/23**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Field Prep:** Not Specified**Sample Depth:**

| Parameter                                         | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column |
|---------------------------------------------------|--------|-----------|-------|----|-----|-----------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab |        |           |       |    |     |                 |        |

| Surrogate                    | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|---------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 77         |           | 30-150              | A      |
| Decachlorobiphenyl           | 96         |           | 30-150              | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 81         |           | 30-150              | B      |
| Decachlorobiphenyl           | 107        |           | 30-150              | B      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8081B  
**Analytical Date:** 05/23/23 11:25  
**Analyst:** AKM

**Extraction Method:** EPA 3546  
**Extraction Date:** 05/21/23 18:56  
**Cleanup Method:** EPA 3620B  
**Cleanup Date:** 05/22/23  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 05/22/23

| Parameter                                                                                 | Result | Qualifier | Units | RL    | MDL   | Column |
|-------------------------------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-09 Batch: WG1781639-1 |        |           |       |       |       |        |
| Delta-BHC                                                                                 | ND     |           | ug/kg | 1.57  | 0.308 | A      |
| Lindane                                                                                   | ND     |           | ug/kg | 0.655 | 0.293 | A      |
| Alpha-BHC                                                                                 | ND     |           | ug/kg | 0.655 | 0.186 | A      |
| Beta-BHC                                                                                  | ND     |           | ug/kg | 1.57  | 0.596 | A      |
| Heptachlor                                                                                | ND     |           | ug/kg | 0.786 | 0.352 | A      |
| Aldrin                                                                                    | ND     |           | ug/kg | 1.57  | 0.554 | A      |
| Heptachlor epoxide                                                                        | ND     |           | ug/kg | 2.95  | 0.885 | A      |
| Endrin                                                                                    | ND     |           | ug/kg | 0.655 | 0.269 | A      |
| Endrin aldehyde                                                                           | ND     |           | ug/kg | 1.96  | 0.688 | A      |
| Endrin ketone                                                                             | ND     |           | ug/kg | 1.57  | 0.405 | A      |
| Dieldrin                                                                                  | ND     |           | ug/kg | 0.983 | 0.491 | A      |
| 4,4'-DDE                                                                                  | ND     |           | ug/kg | 1.57  | 0.364 | A      |
| 4,4'-DDD                                                                                  | ND     |           | ug/kg | 1.57  | 0.561 | A      |
| 4,4'-DDT                                                                                  | ND     |           | ug/kg | 1.57  | 1.26  | A      |
| Endosulfan I                                                                              | ND     |           | ug/kg | 1.57  | 0.372 | A      |
| Endosulfan II                                                                             | ND     |           | ug/kg | 1.57  | 0.526 | A      |
| Endosulfan sulfate                                                                        | ND     |           | ug/kg | 0.655 | 0.312 | A      |
| Methoxychlor                                                                              | ND     |           | ug/kg | 2.95  | 0.917 | A      |
| Toxaphene                                                                                 | ND     |           | ug/kg | 29.5  | 8.26  | A      |
| cis-Chlordane                                                                             | ND     |           | ug/kg | 1.96  | 0.548 | A      |
| trans-Chlordane                                                                           | ND     |           | ug/kg | 1.96  | 0.519 | A      |
| Chlordane                                                                                 | ND     |           | ug/kg | 13.1  | 5.21  | A      |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Number:** L2327332  
**Report Date:** 06/13/23

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8081B  
 Analytical Date: 05/23/23 11:25  
 Analyst: AKM

Extraction Method: EPA 3546  
 Extraction Date: 05/21/23 18:56  
 Cleanup Method: EPA 3620B  
 Cleanup Date: 05/22/23  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 05/22/23

| Parameter                                                                                 | Result | Qualifier | Units | RL | MDL | Column |
|-------------------------------------------------------------------------------------------|--------|-----------|-------|----|-----|--------|
| Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-09 Batch: WG1781639-1 |        |           |       |    |     |        |

| Surrogate                    | %Recovery | Qualifier | Acceptance<br>Criteria | Column |
|------------------------------|-----------|-----------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 82        |           | 30-150                 | A      |
| Decachlorobiphenyl           | 135       |           | 30-150                 | A      |
| 2,4,5,6-Tetrachloro-m-xylene | 81        |           | 30-150                 | B      |
| Decachlorobiphenyl           | 98        |           | 30-150                 | B      |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                                    | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD<br>Limits | Column |
|--------------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|---------------|--------|
| Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-09 Batch: WG1781639-2 WG1781639-3 |                  |      |                   |      |                     |     |      |               |        |
| Delta-BHC                                                                                                    | 91               |      | 95                |      | 30-150              | 4   |      | 30            | A      |
| Lindane                                                                                                      | 90               |      | 87                |      | 30-150              | 3   |      | 30            | A      |
| Alpha-BHC                                                                                                    | 94               |      | 92                |      | 30-150              | 2   |      | 30            | A      |
| Beta-BHC                                                                                                     | 98               |      | 102               |      | 30-150              | 4   |      | 30            | A      |
| Heptachlor                                                                                                   | 98               |      | 98                |      | 30-150              | 0   |      | 30            | A      |
| Aldrin                                                                                                       | 98               |      | 93                |      | 30-150              | 5   |      | 30            | A      |
| Heptachlor epoxide                                                                                           | 81               |      | 81                |      | 30-150              | 0   |      | 30            | A      |
| Endrin                                                                                                       | 92               |      | 91                |      | 30-150              | 1   |      | 30            | A      |
| Endrin aldehyde                                                                                              | 79               |      | 84                |      | 30-150              | 6   |      | 30            | A      |
| Endrin ketone                                                                                                | 102              |      | 103               |      | 30-150              | 1   |      | 30            | A      |
| Dieldrin                                                                                                     | 99               |      | 99                |      | 30-150              | 0   |      | 30            | A      |
| 4,4'-DDE                                                                                                     | 96               |      | 97                |      | 30-150              | 1   |      | 30            | A      |
| 4,4'-DDD                                                                                                     | 101              |      | 101               |      | 30-150              | 0   |      | 30            | A      |
| 4,4'-DDT                                                                                                     | 101              |      | 100               |      | 30-150              | 1   |      | 30            | A      |
| Endosulfan I                                                                                                 | 90               |      | 89                |      | 30-150              | 1   |      | 30            | A      |
| Endosulfan II                                                                                                | 94               |      | 94                |      | 30-150              | 0   |      | 30            | A      |
| Endosulfan sulfate                                                                                           | 87               |      | 90                |      | 30-150              | 3   |      | 30            | A      |
| Methoxychlor                                                                                                 | 101              |      | 101               |      | 30-150              | 0   |      | 30            | A      |
| cis-Chlordane                                                                                                | 93               |      | 94                |      | 30-150              | 1   |      | 30            | A      |
| trans-Chlordane                                                                                              | 99               |      | 97                |      | 30-150              | 2   |      | 30            | A      |

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| <b>Parameter</b> | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>%Recovery<br/>Limits</b> | <b>RPD</b> | <b>Qual</b> | <b>RPD<br/>Limits</b> |
|------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|
|------------------|--------------------------|-------------|---------------------------|-------------|-----------------------------|------------|-------------|-----------------------|

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-09 Batch: WG1781639-2 WG1781639-3

| <b>Surrogate</b>             | <b>LCS<br/>%Recovery</b> | <b>Qual</b> | <b>LCSD<br/>%Recovery</b> | <b>Qual</b> | <b>Acceptance<br/>Criteria</b> | <b>Column</b> |
|------------------------------|--------------------------|-------------|---------------------------|-------------|--------------------------------|---------------|
| 2,4,5,6-Tetrachloro-m-xylene | 75                       |             | 84                        |             | 30-150                         | A             |
| Decachlorobiphenyl           | 135                      |             | 147                       |             | 30-150                         | A             |
| 2,4,5,6-Tetrachloro-m-xylene | 76                       |             | 83                        |             | 30-150                         | B             |
| Decachlorobiphenyl           | 95                       |             | 105                       |             | 30-150                         | B             |

## METALS



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-01

Date Collected: 05/17/23 13:20

Client ID: SR1-10\_14-16

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 4170   |           | mg/kg | 8.06  | 2.18  | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Antimony, Total              | 0.316  | J         | mg/kg | 4.03  | 0.306 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Arsenic, Total               | 2.09   |           | mg/kg | 0.806 | 0.168 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Barium, Total                | 31.1   |           | mg/kg | 0.806 | 0.140 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Beryllium, Total             | 0.323  | J         | mg/kg | 0.403 | 0.027 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Cadmium, Total               | 0.196  | J         | mg/kg | 0.806 | 0.079 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Calcium, Total               | 2150   |           | mg/kg | 8.06  | 2.82  | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Chromium, Total              | 11.6   |           | mg/kg | 0.806 | 0.077 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Cobalt, Total                | 3.46   |           | mg/kg | 1.61  | 0.134 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Copper, Total                | 14.4   |           | mg/kg | 0.806 | 0.208 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Iron, Total                  | 13500  |           | mg/kg | 4.03  | 0.728 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Lead, Total                  | 34.5   |           | mg/kg | 4.03  | 0.216 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Magnesium, Total             | 1250   |           | mg/kg | 8.06  | 1.24  | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Manganese, Total             | 288    |           | mg/kg | 0.806 | 0.128 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Mercury, Total               | 0.089  |           | mg/kg | 0.077 | 0.050 | 1               | 05/19/23 16:20 | 05/23/23 21:57 | EPA 7471B   | 1,7471B           | DHL     |
| Nickel, Total                | 7.55   |           | mg/kg | 2.02  | 0.195 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Potassium, Total             | 360    |           | mg/kg | 202   | 11.6  | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Selenium, Total              | ND     |           | mg/kg | 1.61  | 0.208 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Silver, Total                | ND     |           | mg/kg | 0.403 | 0.228 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Sodium, Total                | 66.9   | J         | mg/kg | 161   | 2.54  | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Thallium, Total              | 0.302  | J         | mg/kg | 1.61  | 0.254 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Vanadium, Total              | 15.6   |           | mg/kg | 0.806 | 0.164 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |
| Zinc, Total                  | 50.3   |           | mg/kg | 4.03  | 0.236 | 2               | 05/19/23 15:31 | 05/20/23 13:30 | EPA 3050B   | 1,6010D           | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-02

Date Collected: 05/17/23 13:25

Client ID: SR1-10\_20-22

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 3080   |           | mg/kg | 7.96  | 2.15  | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Antimony, Total              | ND     |           | mg/kg | 3.98  | 0.302 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Arsenic, Total               | 1.18   |           | mg/kg | 0.796 | 0.166 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Barium, Total                | 20.7   |           | mg/kg | 0.796 | 0.138 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Beryllium, Total             | 0.206  | J         | mg/kg | 0.398 | 0.026 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Cadmium, Total               | ND     |           | mg/kg | 0.796 | 0.078 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Calcium, Total               | 1950   |           | mg/kg | 7.96  | 2.79  | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Chromium, Total              | 12.1   |           | mg/kg | 0.796 | 0.076 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Cobalt, Total                | 2.75   |           | mg/kg | 1.59  | 0.132 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Copper, Total                | 8.67   |           | mg/kg | 0.796 | 0.205 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Iron, Total                  | 8160   |           | mg/kg | 3.98  | 0.719 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Lead, Total                  | 14.9   |           | mg/kg | 3.98  | 0.213 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Magnesium, Total             | 1170   |           | mg/kg | 7.96  | 1.23  | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Manganese, Total             | 163    |           | mg/kg | 0.796 | 0.127 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Mercury, Total               | 0.047  | J         | mg/kg | 0.068 | 0.044 | 1               | 05/19/23 16:20 | 05/23/23 22:00 | EPA 7471B   | 1,7471B           | DHL     |
| Nickel, Total                | 6.34   |           | mg/kg | 1.99  | 0.193 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Potassium, Total             | 358    |           | mg/kg | 199   | 11.5  | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Selenium, Total              | ND     |           | mg/kg | 1.59  | 0.205 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Silver, Total                | ND     |           | mg/kg | 0.398 | 0.225 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Sodium, Total                | 80.8   | J         | mg/kg | 159   | 2.51  | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Thallium, Total              | ND     |           | mg/kg | 1.59  | 0.251 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Vanadium, Total              | 12.0   |           | mg/kg | 0.796 | 0.162 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |
| Zinc, Total                  | 19.3   |           | mg/kg | 3.98  | 0.233 | 2               | 05/19/23 15:31 | 05/20/23 13:33 | EPA 3050B   | 1,6010D           | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-03

Date Collected: 05/17/23 13:30

Client ID: SR1-10\_26-28

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 3560   |           | mg/kg | 8.60  | 2.32  | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Antimony, Total              | ND     |           | mg/kg | 4.30  | 0.327 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Arsenic, Total               | 2.20   |           | mg/kg | 0.860 | 0.179 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Barium, Total                | 33.6   |           | mg/kg | 0.860 | 0.150 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Beryllium, Total             | 0.220  | J         | mg/kg | 0.430 | 0.028 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Cadmium, Total               | 0.090  | J         | mg/kg | 0.860 | 0.084 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Calcium, Total               | 6080   |           | mg/kg | 8.60  | 3.01  | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Chromium, Total              | 11.8   |           | mg/kg | 0.860 | 0.083 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Cobalt, Total                | 2.78   |           | mg/kg | 1.72  | 0.143 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Copper, Total                | 13.1   |           | mg/kg | 0.860 | 0.222 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Iron, Total                  | 8150   |           | mg/kg | 4.30  | 0.776 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Lead, Total                  | 47.1   |           | mg/kg | 4.30  | 0.230 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Magnesium, Total             | 1380   |           | mg/kg | 8.60  | 1.32  | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Manganese, Total             | 195    |           | mg/kg | 0.860 | 0.137 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Mercury, Total               | 0.124  |           | mg/kg | 0.086 | 0.056 | 1               | 05/19/23 16:20 | 05/23/23 22:03 | EPA 7471B   | 1,7471B           | DHL     |
| Nickel, Total                | 8.12   |           | mg/kg | 2.15  | 0.208 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Potassium, Total             | 363    |           | mg/kg | 215   | 12.4  | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Selenium, Total              | ND     |           | mg/kg | 1.72  | 0.222 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Silver, Total                | ND     |           | mg/kg | 0.430 | 0.243 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Sodium, Total                | 87.4   | J         | mg/kg | 172   | 2.71  | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Thallium, Total              | 0.289  | J         | mg/kg | 1.72  | 0.271 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Vanadium, Total              | 12.5   |           | mg/kg | 0.860 | 0.174 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |
| Zinc, Total                  | 37.5   |           | mg/kg | 4.30  | 0.252 | 2               | 05/19/23 15:31 | 05/20/23 13:36 | EPA 3050B   | 1,6010D           | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-04

Date Collected: 05/17/23 12:50

Client ID: SR1-11\_14-16

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 2110   |           | mg/kg | 8.26  | 2.23  | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Antimony, Total              | ND     |           | mg/kg | 4.13  | 0.314 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Arsenic, Total               | 0.722  | J         | mg/kg | 0.826 | 0.172 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Barium, Total                | 15.4   |           | mg/kg | 0.826 | 0.144 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Beryllium, Total             | 0.192  | J         | mg/kg | 0.413 | 0.027 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Cadmium, Total               | ND     |           | mg/kg | 0.826 | 0.081 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Calcium, Total               | 823    |           | mg/kg | 8.26  | 2.89  | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Chromium, Total              | 6.19   |           | mg/kg | 0.419 | 0.040 | 1               | 05/23/23 16:33 | 05/24/23 07:24 | EPA 3050B   | 1,6010D           | DHL     |
| Cobalt, Total                | 2.57   |           | mg/kg | 1.65  | 0.137 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Copper, Total                | 10.7   |           | mg/kg | 0.826 | 0.213 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Iron, Total                  | 9880   |           | mg/kg | 4.13  | 0.745 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Lead, Total                  | 2.19   | J         | mg/kg | 4.13  | 0.221 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Magnesium, Total             | 1140   |           | mg/kg | 8.26  | 1.27  | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Manganese, Total             | 182    |           | mg/kg | 0.826 | 0.131 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Mercury, Total               | ND     |           | mg/kg | 0.077 | 0.050 | 1               | 05/19/23 16:20 | 05/23/23 22:13 | EPA 7471B   | 1,7471B           | DHL     |
| Nickel, Total                | 5.61   |           | mg/kg | 2.06  | 0.200 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Potassium, Total             | 319    |           | mg/kg | 206   | 11.9  | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Selenium, Total              | ND     |           | mg/kg | 1.65  | 0.213 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Silver, Total                | ND     |           | mg/kg | 0.413 | 0.234 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Sodium, Total                | 77.5   | J         | mg/kg | 165   | 2.60  | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Thallium, Total              | ND     |           | mg/kg | 1.65  | 0.260 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Vanadium, Total              | 11.5   |           | mg/kg | 0.826 | 0.168 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |
| Zinc, Total                  | 13.1   |           | mg/kg | 4.13  | 0.242 | 2               | 05/19/23 15:31 | 05/20/23 13:39 | EPA 3050B   | 1,6010D           | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-05

Date Collected: 05/17/23 12:55

Client ID: SR1-11\_20-22

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 4030   |           | mg/kg | 8.13  | 2.20  | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Antimony, Total              | ND     |           | mg/kg | 4.07  | 0.309 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Arsenic, Total               | 1.17   |           | mg/kg | 0.813 | 0.169 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Barium, Total                | 23.7   |           | mg/kg | 0.813 | 0.142 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Beryllium, Total             | 0.301  | J         | mg/kg | 0.407 | 0.027 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Cadmium, Total               | ND     |           | mg/kg | 0.813 | 0.080 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Calcium, Total               | 321    |           | mg/kg | 8.13  | 2.85  | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Chromium, Total              | 8.94   |           | mg/kg | 0.813 | 0.078 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Cobalt, Total                | 3.40   |           | mg/kg | 1.63  | 0.135 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Copper, Total                | 8.50   |           | mg/kg | 0.813 | 0.210 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Iron, Total                  | 8690   |           | mg/kg | 4.07  | 0.734 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Lead, Total                  | 2.39   | J         | mg/kg | 4.07  | 0.218 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Magnesium, Total             | 1150   |           | mg/kg | 8.13  | 1.25  | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Manganese, Total             | 254    |           | mg/kg | 0.813 | 0.129 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Mercury, Total               | ND     |           | mg/kg | 0.081 | 0.053 | 1               | 05/19/23 16:20 | 05/23/23 22:16 | EPA 7471B   | 1,7471B           | DHL     |
| Nickel, Total                | 7.25   |           | mg/kg | 2.03  | 0.197 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Potassium, Total             | 262    |           | mg/kg | 203   | 11.7  | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Selenium, Total              | ND     |           | mg/kg | 1.63  | 0.210 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Silver, Total                | ND     |           | mg/kg | 0.407 | 0.230 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Sodium, Total                | 44.6   | J         | mg/kg | 163   | 2.56  | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Thallium, Total              | ND     |           | mg/kg | 1.63  | 0.256 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Vanadium, Total              | 15.6   |           | mg/kg | 0.813 | 0.165 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |
| Zinc, Total                  | 15.4   |           | mg/kg | 4.07  | 0.238 | 2               | 05/19/23 15:31 | 05/20/23 13:43 | EPA 3050B   | 1,6010D           | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-06

Date Collected: 05/17/23 13:00

Client ID: SR1-11\_26-28

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 5530   |           | mg/kg | 8.41  | 2.27  | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Antimony, Total              | ND     |           | mg/kg | 4.21  | 0.320 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Arsenic, Total               | 5.20   |           | mg/kg | 0.841 | 0.175 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Barium, Total                | 19.5   |           | mg/kg | 0.841 | 0.146 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Beryllium, Total             | 0.446  |           | mg/kg | 0.421 | 0.028 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Cadmium, Total               | ND     |           | mg/kg | 0.841 | 0.082 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Calcium, Total               | 711    |           | mg/kg | 8.41  | 2.94  | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Chromium, Total              | 15.1   |           | mg/kg | 0.841 | 0.081 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Cobalt, Total                | 5.45   |           | mg/kg | 1.68  | 0.140 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Copper, Total                | 19.5   |           | mg/kg | 0.841 | 0.217 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Iron, Total                  | 12100  |           | mg/kg | 4.21  | 0.760 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Lead, Total                  | 9.40   |           | mg/kg | 4.21  | 0.225 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Magnesium, Total             | 1820   |           | mg/kg | 8.41  | 1.30  | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Manganese, Total             | 103    |           | mg/kg | 0.841 | 0.134 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Mercury, Total               | ND     |           | mg/kg | 0.082 | 0.054 | 1               | 05/19/23 16:20 | 05/23/23 22:20 | EPA 7471B   | 1,7471B           | DHL     |
| Nickel, Total                | 10.3   |           | mg/kg | 2.10  | 0.204 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Potassium, Total             | 902    |           | mg/kg | 210   | 12.1  | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Selenium, Total              | ND     |           | mg/kg | 1.68  | 0.217 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Silver, Total                | ND     |           | mg/kg | 0.421 | 0.238 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Sodium, Total                | 51.6   | J         | mg/kg | 168   | 2.65  | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Thallium, Total              | 0.425  | J         | mg/kg | 1.68  | 0.265 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Vanadium, Total              | 20.5   |           | mg/kg | 0.841 | 0.171 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |
| Zinc, Total                  | 33.9   |           | mg/kg | 4.21  | 0.246 | 2               | 05/19/23 15:31 | 05/20/23 13:46 | EPA 3050B   | 1,6010D           | MRC     |



**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-07

Date Collected: 05/17/23 12:00

Client ID: SR1-12\_14-16

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 77%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 4970   |           | mg/kg | 10.1  | 2.73  | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Antimony, Total              | 0.550  | J         | mg/kg | 5.06  | 0.384 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Arsenic, Total               | 2.00   |           | mg/kg | 1.01  | 0.210 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Barium, Total                | 68.8   |           | mg/kg | 1.01  | 0.176 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Beryllium, Total             | 0.299  | J         | mg/kg | 0.506 | 0.033 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Cadmium, Total               | 0.480  | J         | mg/kg | 1.01  | 0.099 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Calcium, Total               | 896    |           | mg/kg | 10.1  | 3.54  | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Chromium, Total              | 20.1   |           | mg/kg | 1.01  | 0.097 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Cobalt, Total                | 3.94   |           | mg/kg | 2.02  | 0.168 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Copper, Total                | 37.1   |           | mg/kg | 1.01  | 0.261 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Iron, Total                  | 14000  |           | mg/kg | 5.06  | 0.913 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Lead, Total                  | 124    |           | mg/kg | 5.06  | 0.271 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Magnesium, Total             | 1820   |           | mg/kg | 10.1  | 1.56  | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Manganese, Total             | 232    |           | mg/kg | 1.01  | 0.161 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Mercury, Total               | 0.126  |           | mg/kg | 0.098 | 0.064 | 1               | 05/19/23 16:20 | 05/23/23 22:23 | EPA 7471B   | 1,7471B           | DHL     |
| Nickel, Total                | 10.7   |           | mg/kg | 2.53  | 0.245 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Potassium, Total             | 721    |           | mg/kg | 253   | 14.6  | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Selenium, Total              | ND     |           | mg/kg | 2.02  | 0.261 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Silver, Total                | ND     |           | mg/kg | 0.506 | 0.286 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Sodium, Total                | 83.4   | J         | mg/kg | 202   | 3.19  | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Thallium, Total              | ND     |           | mg/kg | 2.02  | 0.319 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Vanadium, Total              | 24.6   |           | mg/kg | 1.01  | 0.205 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |
| Zinc, Total                  | 89.0   |           | mg/kg | 5.06  | 0.296 | 2               | 05/19/23 15:31 | 05/20/23 13:49 | EPA 3050B   | 1,6010D           | MRC     |





**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-08

Date Collected: 05/17/23 12:05

Client ID: SR1-12\_20-22

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 3720   |           | mg/kg | 10.0  | 2.70  | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Antimony, Total              | 0.508  | J         | mg/kg | 5.00  | 0.380 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Arsenic, Total               | 4.04   |           | mg/kg | 1.00  | 0.208 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Barium, Total                | 26.9   |           | mg/kg | 1.00  | 0.174 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Beryllium, Total             | 0.551  |           | mg/kg | 0.500 | 0.033 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Cadmium, Total               | 0.127  | J         | mg/kg | 1.00  | 0.098 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Calcium, Total               | 792    |           | mg/kg | 10.0  | 3.50  | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Chromium, Total              | 14.1   |           | mg/kg | 1.00  | 0.096 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Cobalt, Total                | 6.86   |           | mg/kg | 2.00  | 0.166 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Copper, Total                | 16.0   |           | mg/kg | 1.00  | 0.258 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Iron, Total                  | 26400  |           | mg/kg | 5.00  | 0.903 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Lead, Total                  | 28.3   |           | mg/kg | 5.00  | 0.268 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Magnesium, Total             | 1100   |           | mg/kg | 10.0  | 1.54  | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Manganese, Total             | 338    |           | mg/kg | 1.00  | 0.159 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Mercury, Total               | ND     |           | mg/kg | 0.083 | 0.054 | 1               | 05/19/23 16:20 | 05/23/23 22:26 | EPA 7471B   | 1,7471B           | DHL     |
| Nickel, Total                | 10.7   |           | mg/kg | 2.50  | 0.242 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Potassium, Total             | 781    |           | mg/kg | 250   | 14.4  | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Selenium, Total              | ND     |           | mg/kg | 2.00  | 0.258 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Silver, Total                | ND     |           | mg/kg | 0.500 | 0.283 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Sodium, Total                | 45.1   | J         | mg/kg | 200   | 3.15  | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Thallium, Total              | 0.516  | J         | mg/kg | 2.00  | 0.315 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Vanadium, Total              | 18.8   |           | mg/kg | 1.00  | 0.203 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |
| Zinc, Total                  | 38.5   |           | mg/kg | 5.00  | 0.293 | 2               | 05/19/23 15:31 | 05/20/23 14:02 | EPA 3050B   | 1,6010D           | MRC     |





**Project Name:** 828 METROPOLITAN**Lab Number:** L2327332**Project Number:** 0205563**Report Date:** 06/13/23**SAMPLE RESULTS**

Lab ID: L2327332-09

Date Collected: 05/17/23 12:10

Client ID: SR1-12\_26-28

Date Received: 05/17/23

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

| Parameter                    | Result | Qualifier | Units | RL    | MDL   | Dilution Factor | Date Prepared  | Date Analyzed  | Prep Method | Analytical Method | Analyst |
|------------------------------|--------|-----------|-------|-------|-------|-----------------|----------------|----------------|-------------|-------------------|---------|
| Total Metals - Mansfield Lab |        |           |       |       |       |                 |                |                |             |                   |         |
| Aluminum, Total              | 3030   |           | mg/kg | 8.66  | 2.34  | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Antimony, Total              | ND     |           | mg/kg | 4.33  | 0.329 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Arsenic, Total               | 1.14   |           | mg/kg | 0.866 | 0.180 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Barium, Total                | 23.7   |           | mg/kg | 0.866 | 0.151 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Beryllium, Total             | 0.243  | J         | mg/kg | 0.433 | 0.029 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Cadmium, Total               | ND     |           | mg/kg | 0.866 | 0.085 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Calcium, Total               | 1020   |           | mg/kg | 8.66  | 3.03  | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Chromium, Total              | 10.7   |           | mg/kg | 0.866 | 0.083 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Cobalt, Total                | 4.86   |           | mg/kg | 1.73  | 0.144 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Copper, Total                | 9.06   |           | mg/kg | 0.866 | 0.223 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Iron, Total                  | 11900  |           | mg/kg | 4.33  | 0.782 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Lead, Total                  | 3.31   | J         | mg/kg | 4.33  | 0.232 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Magnesium, Total             | 1500   |           | mg/kg | 8.66  | 1.33  | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Manganese, Total             | 225    |           | mg/kg | 0.866 | 0.138 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Mercury, Total               | ND     |           | mg/kg | 0.074 | 0.048 | 1               | 05/19/23 16:20 | 05/23/23 22:30 | EPA 7471B   | 1,7471B           | DHL     |
| Nickel, Total                | 10.3   |           | mg/kg | 2.16  | 0.210 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Potassium, Total             | 592    |           | mg/kg | 216   | 12.5  | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Selenium, Total              | ND     |           | mg/kg | 1.73  | 0.223 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Silver, Total                | ND     |           | mg/kg | 0.433 | 0.245 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Sodium, Total                | 68.9   | J         | mg/kg | 173   | 2.73  | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Thallium, Total              | 0.306  | J         | mg/kg | 1.73  | 0.273 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Vanadium, Total              | 13.4   |           | mg/kg | 0.866 | 0.176 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |
| Zinc, Total                  | 16.9   |           | mg/kg | 4.33  | 0.254 | 2               | 05/19/23 15:31 | 05/20/23 15:24 | EPA 3050B   | 1,6010D           | MRC     |



Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## Method Blank Analysis Batch Quality Control

| Parameter                                                            | Result | Qualifier | Units | RL    | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|----------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------------------|------------------|------------------|----------------------|---------|
| Total Metals - Mansfield Lab for sample(s): 01-09 Batch: WG1780599-1 |        |           |       |       |       |                    |                  |                  |                      |         |
| Aluminum, Total                                                      | ND     |           | mg/kg | 4.00  | 1.08  | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Antimony, Total                                                      | 0.213  | J         | mg/kg | 2.00  | 0.152 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Arsenic, Total                                                       | ND     |           | mg/kg | 0.400 | 0.083 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Barium, Total                                                        | ND     |           | mg/kg | 0.400 | 0.070 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Beryllium, Total                                                     | ND     |           | mg/kg | 0.200 | 0.013 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Cadmium, Total                                                       | ND     |           | mg/kg | 0.400 | 0.039 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Calcium, Total                                                       | ND     |           | mg/kg | 4.00  | 1.40  | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Chromium, Total                                                      | 0.686  |           | mg/kg | 0.400 | 0.038 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Cobalt, Total                                                        | ND     |           | mg/kg | 0.800 | 0.066 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Copper, Total                                                        | ND     |           | mg/kg | 0.400 | 0.103 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Iron, Total                                                          | 3.36   |           | mg/kg | 2.00  | 0.361 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Lead, Total                                                          | ND     |           | mg/kg | 2.00  | 0.107 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Magnesium, Total                                                     | ND     |           | mg/kg | 4.00  | 0.616 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Manganese, Total                                                     | ND     |           | mg/kg | 0.400 | 0.064 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Nickel, Total                                                        | 0.122  | J         | mg/kg | 1.00  | 0.097 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Potassium, Total                                                     | ND     |           | mg/kg | 100   | 5.76  | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Selenium, Total                                                      | ND     |           | mg/kg | 0.800 | 0.103 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Silver, Total                                                        | ND     |           | mg/kg | 0.200 | 0.113 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Sodium, Total                                                        | 4.65   | J         | mg/kg | 80.0  | 1.26  | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Thallium, Total                                                      | ND     |           | mg/kg | 0.800 | 0.126 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Vanadium, Total                                                      | ND     |           | mg/kg | 0.400 | 0.081 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |
| Zinc, Total                                                          | ND     |           | mg/kg | 2.00  | 0.117 | 1                  | 05/19/23 15:31   | 05/20/23 07:39   | 1,6010D              | MRC     |

### Prep Information

Digestion Method: EPA 3050B

| Parameter                                                            | Result | Qualifier | Units | RL    | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|----------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------------------|------------------|------------------|----------------------|---------|
| Total Metals - Mansfield Lab for sample(s): 01-09 Batch: WG1780600-1 |        |           |       |       |       |                    |                  |                  |                      |         |
| Mercury, Total                                                       | ND     |           | mg/kg | 0.083 | 0.054 | 1                  | 05/19/23 16:20   | 05/23/23 20:46   | 1,7471B              | DHL     |



Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

## Method Blank Analysis Batch Quality Control

### Prep Information

Digestion Method: EPA 7471B

| Parameter                                                         | Result | Qualifier | Units | RL    | MDL   | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------------------------------------|--------|-----------|-------|-------|-------|--------------------|------------------|------------------|----------------------|---------|
| Total Metals - Mansfield Lab for sample(s): 04 Batch: WG1782253-1 |        |           |       |       |       |                    |                  |                  |                      |         |
| Aluminum, Total                                                   | ND     |           | mg/kg | 4.00  | 1.08  | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Antimony, Total                                                   | 0.216  | J         | mg/kg | 2.00  | 0.152 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Arsenic, Total                                                    | ND     |           | mg/kg | 0.400 | 0.083 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Barium, Total                                                     | ND     |           | mg/kg | 0.400 | 0.070 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Beryllium, Total                                                  | ND     |           | mg/kg | 0.200 | 0.013 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Cadmium, Total                                                    | ND     |           | mg/kg | 0.400 | 0.039 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Calcium, Total                                                    | ND     |           | mg/kg | 4.00  | 1.40  | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Chromium, Total                                                   | ND     |           | mg/kg | 0.400 | 0.038 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Cobalt, Total                                                     | ND     |           | mg/kg | 0.800 | 0.066 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Copper, Total                                                     | ND     |           | mg/kg | 0.400 | 0.103 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Iron, Total                                                       | ND     |           | mg/kg | 2.00  | 0.361 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Lead, Total                                                       | ND     |           | mg/kg | 2.00  | 0.107 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Magnesium, Total                                                  | ND     |           | mg/kg | 4.00  | 0.616 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Manganese, Total                                                  | ND     |           | mg/kg | 0.400 | 0.064 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Nickel, Total                                                     | ND     |           | mg/kg | 1.00  | 0.097 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Potassium, Total                                                  | 6.24   | J         | mg/kg | 100   | 5.76  | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Selenium, Total                                                   | ND     |           | mg/kg | 0.800 | 0.103 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Silver, Total                                                     | ND     |           | mg/kg | 0.200 | 0.113 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Sodium, Total                                                     | 23.0   | J         | mg/kg | 80.0  | 1.26  | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Thallium, Total                                                   | ND     |           | mg/kg | 0.800 | 0.126 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Vanadium, Total                                                   | ND     |           | mg/kg | 0.400 | 0.081 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |
| Zinc, Total                                                       | ND     |           | mg/kg | 2.00  | 0.117 | 1                  | 05/23/23 16:33   | 05/24/23 06:46   | 1,6010D              | DHL     |

### Prep Information

Digestion Method: EPA 3050B



# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                            | LCS<br>%Recovery | Qual | LCSD<br>%Recovery | Qual | %Recovery<br>Limits | RPD | Qual | RPD Limits |
|------------------------------------------------------------------------------------------------------|------------------|------|-------------------|------|---------------------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1780599-2 SRM Lot Number: D119-540 |                  |      |                   |      |                     |     |      |            |
| Aluminum, Total                                                                                      | 70               |      | -                 |      | 48-152              | -   |      |            |
| Antimony, Total                                                                                      | 162              |      | -                 |      | 10-190              | -   |      |            |
| Arsenic, Total                                                                                       | 95               |      | -                 |      | 83-117              | -   |      |            |
| Barium, Total                                                                                        | 92               |      | -                 |      | 82-118              | -   |      |            |
| Beryllium, Total                                                                                     | 97               |      | -                 |      | 83-117              | -   |      |            |
| Cadmium, Total                                                                                       | 97               |      | -                 |      | 82-117              | -   |      |            |
| Calcium, Total                                                                                       | 89               |      | -                 |      | 81-118              | -   |      |            |
| Chromium, Total                                                                                      | 98               |      | -                 |      | 82-119              | -   |      |            |
| Cobalt, Total                                                                                        | 98               |      | -                 |      | 83-117              | -   |      |            |
| Copper, Total                                                                                        | 98               |      | -                 |      | 84-116              | -   |      |            |
| Iron, Total                                                                                          | 86               |      | -                 |      | 60-140              | -   |      |            |
| Lead, Total                                                                                          | 95               |      | -                 |      | 82-118              | -   |      |            |
| Magnesium, Total                                                                                     | 83               |      | -                 |      | 76-124              | -   |      |            |
| Manganese, Total                                                                                     | 96               |      | -                 |      | 82-118              | -   |      |            |
| Nickel, Total                                                                                        | 100              |      | -                 |      | 82-117              | -   |      |            |
| Potassium, Total                                                                                     | 82               |      | -                 |      | 70-130              | -   |      |            |
| Selenium, Total                                                                                      | 98               |      | -                 |      | 79-121              | -   |      |            |
| Silver, Total                                                                                        | 92               |      | -                 |      | 80-120              | -   |      |            |
| Sodium, Total                                                                                        | 97               |      | -                 |      | 74-126              | -   |      |            |
| Thallium, Total                                                                                      | 99               |      | -                 |      | 81-119              | -   |      |            |
| Vanadium, Total                                                                                      | 96               |      | -                 |      | 79-121              | -   |      |            |

## Lab Control Sample Analysis

### Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                            | LCS<br>%Recovery | LCSD<br>%Recovery | %Recovery<br>Limits | RPD | RPD Limits |
|------------------------------------------------------------------------------------------------------|------------------|-------------------|---------------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1780599-2 SRM Lot Number: D119-540 |                  |                   |                     |     |            |
| Zinc, Total                                                                                          | 93               | -                 | 80-120              | -   |            |
| Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1780600-2 SRM Lot Number: D119-540 |                  |                   |                     |     |            |
| Mercury, Total                                                                                       | 100              | -                 | 73-127              | -   |            |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                         | LCS<br>%Recovery | LCSD<br>%Recovery | %Recovery<br>Limits | RPD | RPD Limits |
|---------------------------------------------------------------------------------------------------|------------------|-------------------|---------------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 04 Batch: WG1782253-2 SRM Lot Number: D119-540 |                  |                   |                     |     |            |
| Aluminum, Total                                                                                   | 73               | -                 | 48-152              | -   |            |
| Antimony, Total                                                                                   | 164              | -                 | 10-190              | -   |            |
| Arsenic, Total                                                                                    | 102              | -                 | 83-117              | -   |            |
| Barium, Total                                                                                     | 95               | -                 | 82-118              | -   |            |
| Beryllium, Total                                                                                  | 100              | -                 | 83-117              | -   |            |
| Cadmium, Total                                                                                    | 105              | -                 | 82-117              | -   |            |
| Calcium, Total                                                                                    | 94               | -                 | 81-118              | -   |            |
| Chromium, Total                                                                                   | 102              | -                 | 82-119              | -   |            |
| Cobalt, Total                                                                                     | 104              | -                 | 83-117              | -   |            |
| Copper, Total                                                                                     | 102              | -                 | 84-116              | -   |            |
| Iron, Total                                                                                       | 92               | -                 | 60-140              | -   |            |
| Lead, Total                                                                                       | 102              | -                 | 82-118              | -   |            |
| Magnesium, Total                                                                                  | 89               | -                 | 76-124              | -   |            |
| Manganese, Total                                                                                  | 98               | -                 | 82-118              | -   |            |
| Nickel, Total                                                                                     | 105              | -                 | 82-117              | -   |            |
| Potassium, Total                                                                                  | 87               | -                 | 70-130              | -   |            |
| Selenium, Total                                                                                   | 104              | -                 | 79-121              | -   |            |
| Silver, Total                                                                                     | 101              | -                 | 80-120              | -   |            |
| Sodium, Total                                                                                     | 101              | -                 | 74-126              | -   |            |
| Thallium, Total                                                                                   | 105              | -                 | 81-119              | -   |            |
| Vanadium, Total                                                                                   | 100              | -                 | 79-121              | -   |            |

# **Lab Control Sample Analysis** Batch Quality Control

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                         | LCS<br>%Recovery | LCSD<br>%Recovery | %Recovery<br>Limits | RPD | RPD Limits |
|---------------------------------------------------------------------------------------------------|------------------|-------------------|---------------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 04 Batch: WG1782253-2 SRM Lot Number: D119-540 |                  |                   |                     |     |            |
| Zinc, Total                                                                                       | 100              | -                 | 80-120              | -   |            |

# Matrix Spike Analysis

## Batch Quality Control

Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327332

Report Date: 06/13/23

| Parameter                                                                                                                                 | Native Sample | MS Added | MS Found | MS %Recovery | Qual | MSD Found | MSD %Recovery | Qual | Recovery Limits | RPD | Qual | RPD Limits |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|------|-----------|---------------|------|-----------------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1780599-3 WG1780599-4 QC Sample: L2327098-04 Client ID: MS Sample |               |          |          |              |      |           |               |      |                 |     |      |            |
| Aluminum, Total                                                                                                                           | 8280          | 178      | 7920     | 0            | Q    | 8520      | 133           | Q    | 75-125          | 7   |      | 20         |
| Antimony, Total                                                                                                                           | 1.22J         | 44.6     | 40.6     | 91           |      | 41.7      | 92            |      | 75-125          | 3   |      | 20         |
| Arsenic, Total                                                                                                                            | 5.22          | 10.7     | 14.7     | 88           |      | 16.1      | 100           |      | 75-125          | 9   |      | 20         |
| Barium, Total                                                                                                                             | 124           | 178      | 273      | 84           |      | 294       | 94            |      | 75-125          | 7   |      | 20         |
| Beryllium, Total                                                                                                                          | 0.487         | 4.46     | 4.29     | 85           |      | 4.58      | 91            |      | 75-125          | 7   |      | 20         |
| Cadmium, Total                                                                                                                            | 0.354J        | 4.73     | 4.39     | 93           |      | 4.67      | 98            |      | 75-125          | 6   |      | 20         |
| Calcium, Total                                                                                                                            | 4940          | 892      | 5080     | 16           | Q    | 5680      | 82            |      | 75-125          | 11  |      | 20         |
| Chromium, Total                                                                                                                           | 23.5          | 17.8     | 35.3     | 66           | Q    | 36.7      | 73            | Q    | 75-125          | 4   |      | 20         |
| Cobalt, Total                                                                                                                             | 6.54          | 44.6     | 43.1     | 82           |      | 45.8      | 87            |      | 75-125          | 6   |      | 20         |
| Copper, Total                                                                                                                             | 33.6          | 22.3     | 50.7     | 77           |      | 59.3      | 114           |      | 75-125          | 16  |      | 20         |
| Iron, Total                                                                                                                               | 18000         | 89.2     | 16000    | 0            | Q    | 21200     | 3540          | Q    | 75-125          | 28  | Q    | 20         |
| Lead, Total                                                                                                                               | 288           | 47.3     | 314      | 55           | Q    | 361       | 152           | Q    | 75-125          | 14  |      | 20         |
| Magnesium, Total                                                                                                                          | 2560          | 892      | 3150     | 66           | Q    | 3380      | 91            |      | 75-125          | 7   |      | 20         |
| Manganese, Total                                                                                                                          | 326           | 44.6     | 336      | 22           | Q    | 506       | 399           | Q    | 75-125          | 40  | Q    | 20         |
| Nickel, Total                                                                                                                             | 20.9          | 44.6     | 57.0     | 81           |      | 59.8      | 86            |      | 75-125          | 5   |      | 20         |
| Potassium, Total                                                                                                                          | 954           | 892      | 1780     | 93           |      | 1810      | 95            |      | 75-125          | 2   |      | 20         |
| Selenium, Total                                                                                                                           | 0.524J        | 10.7     | 9.87     | 92           |      | 10.4      | 96            |      | 75-125          | 5   |      | 20         |
| Silver, Total                                                                                                                             | 0.304J        | 4.46     | 3.93     | 88           |      | 4.15      | 92            |      | 75-125          | 5   |      | 20         |
| Sodium, Total                                                                                                                             | 108J          | 892      | 918      | 103          |      | 968       | 107           |      | 75-125          | 5   |      | 20         |
| Thallium, Total                                                                                                                           | 0.517J        | 10.7     | 10.0     | 93           |      | 10.7      | 99            |      | 75-125          | 7   |      | 20         |
| Vanadium, Total                                                                                                                           | 24.0          | 44.6     | 60.2     | 81           |      | 65.9      | 93            |      | 75-125          | 9   |      | 20         |



# Matrix Spike Analysis

## Batch Quality Control

Project Name: 828 METROPOLITAN

Lab Number: L2327332

Project Number: 0205563

Report Date: 06/13/23

| Parameter                                                | Native Sample | MS Added | MS Found                 | MS %Recovery | MSD Found   | MSD %Recovery          | Recovery Limits | RPD                  | RPD Limits |    |
|----------------------------------------------------------|---------------|----------|--------------------------|--------------|-------------|------------------------|-----------------|----------------------|------------|----|
| Total Metals - Mansfield Lab Associated sample(s): 01-09 |               |          | QC Batch ID: WG1780599-3 |              | WG1780599-4 | QC Sample: L2327098-04 |                 | Client ID: MS Sample |            |    |
| Zinc, Total                                              | 152           | 44.6     | 166                      | 31           | Q           | 192                    | 88              | 75-125               | 15         | 20 |
| Total Metals - Mansfield Lab Associated sample(s): 01-09 |               |          | QC Batch ID: WG1780600-3 |              | WG1780600-4 | QC Sample: L2327098-04 |                 | Client ID: MS Sample |            |    |
| Mercury, Total                                           | 1.71          | 1.47     | 3.00                     | 88           |             | 2.46                   | 46              | Q 80-120             | 20         | 20 |

# **Matrix Spike Analysis** **Batch Quality Control**

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                                                  | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|----------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|-----------|---------------|-----------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1782253-3 QC Sample: L2328577-01 Client ID: MS Sample |               |          |          |              |           |               |                 |     |            |
| Aluminum, Total                                                                                                            | 7090          | 209      | 7450     | 172          | Q         | -             | 75-125          | -   | 20         |
| Antimony, Total                                                                                                            | 0.699J        | 52.2     | 48.0     | 92           | -         | -             | 75-125          | -   | 20         |
| Arsenic, Total                                                                                                             | 3.05          | 12.5     | 14.6     | 92           | -         | -             | 75-125          | -   | 20         |
| Barium, Total                                                                                                              | 56.6          | 209      | 246      | 91           | -         | -             | 75-125          | -   | 20         |
| Beryllium, Total                                                                                                           | 0.572         | 5.22     | 5.35     | 92           | -         | -             | 75-125          | -   | 20         |
| Cadmium, Total                                                                                                             | 0.105J        | 5.53     | 5.06     | 91           | -         | -             | 75-125          | -   | 20         |
| Calcium, Total                                                                                                             | 2220          | 1040     | 3120     | 86           | -         | -             | 75-125          | -   | 20         |
| Chromium, Total                                                                                                            | 14.2          | 20.9     | 33.4     | 92           | -         | -             | 75-125          | -   | 20         |
| Cobalt, Total                                                                                                              | 7.36          | 52.2     | 52.8     | 87           | -         | -             | 75-125          | -   | 20         |
| Copper, Total                                                                                                              | 18.7          | 26.1     | 42.9     | 93           | -         | -             | 75-125          | -   | 20         |
| Iron, Total                                                                                                                | 18000         | 104      | 17700    | 0            | Q         | -             | 75-125          | -   | 20         |
| Lead, Total                                                                                                                | 11.8          | 55.3     | 63.5     | 93           | -         | -             | 75-125          | -   | 20         |
| Magnesium, Total                                                                                                           | 3560          | 1040     | 4480     | 88           | -         | -             | 75-125          | -   | 20         |
| Manganese, Total                                                                                                           | 498           | 52.2     | 545      | 90           | -         | -             | 75-125          | -   | 20         |
| Nickel, Total                                                                                                              | 17.0          | 52.2     | 62.0     | 86           | -         | -             | 75-125          | -   | 20         |
| Potassium, Total                                                                                                           | 1240          | 1040     | 2300     | 102          | -         | -             | 75-125          | -   | 20         |
| Selenium, Total                                                                                                            | ND            | 12.5     | 11.5     | 92           | -         | -             | 75-125          | -   | 20         |
| Silver, Total                                                                                                              | ND            | 5.22     | 4.62     | 88           | -         | -             | 75-125          | -   | 20         |
| Sodium, Total                                                                                                              | 339           | 1040     | 1350     | 97           | -         | -             | 75-125          | -   | 20         |
| Thallium, Total                                                                                                            | 0.554J        | 12.5     | 12.2     | 97           | -         | -             | 75-125          | -   | 20         |
| Vanadium, Total                                                                                                            | 18.3          | 52.2     | 64.8     | 89           | -         | -             | 75-125          | -   | 20         |

**Matrix Spike Analysis**  
**Batch Quality Control****Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327332**Report Date:** 06/13/23

| Parameter                                                                                                                           | Native Sample | MS Added | MS Found | MS %Recovery | MSD Found | MSD %Recovery | Recovery Limits | RPD | RPD Limits |
|-------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|----------|--------------|-----------|---------------|-----------------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 04    QC Batch ID: WG1782253-3    QC Sample: L2328577-01    Client ID: MS Sample |               |          |          |              |           |               |                 |     |            |
| Zinc, Total                                                                                                                         | 37.7          | 52.2     | 81.7     | 84           | -         | -             | 75-125          | -   | 20         |

# **Lab Duplicate Analysis** *Batch Quality Control*

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                                                   | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|-----------------------------------------------------------------------------------------------------------------------------|---------------|------------------|-------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1782253-4 QC Sample: L2328577-01 Client ID: DUP Sample |               |                  |       |     |      |            |
| Aluminum, Total                                                                                                             | 7090          | 6940             | mg/kg | 2   |      | 20         |
| Antimony, Total                                                                                                             | 0.699J        | 0.532J           | mg/kg | NC  |      | 20         |
| Arsenic, Total                                                                                                              | 3.05          | 2.88             | mg/kg | 6   |      | 20         |
| Barium, Total                                                                                                               | 56.6          | 54.5             | mg/kg | 4   |      | 20         |
| Beryllium, Total                                                                                                            | 0.572         | 0.566            | mg/kg | 1   |      | 20         |
| Cadmium, Total                                                                                                              | 0.105J        | ND               | mg/kg | NC  |      | 20         |
| Calcium, Total                                                                                                              | 2220          | 2160             | mg/kg | 3   |      | 20         |
| Chromium, Total                                                                                                             | 14.2          | 14.2             | mg/kg | 0   |      | 20         |
| Cobalt, Total                                                                                                               | 7.36          | 7.29             | mg/kg | 1   |      | 20         |
| Copper, Total                                                                                                               | 18.7          | 18.2             | mg/kg | 3   |      | 20         |
| Iron, Total                                                                                                                 | 18000         | 17700            | mg/kg | 2   |      | 20         |
| Lead, Total                                                                                                                 | 11.8          | 11.6             | mg/kg | 2   |      | 20         |
| Magnesium, Total                                                                                                            | 3560          | 3510             | mg/kg | 1   |      | 20         |
| Manganese, Total                                                                                                            | 498           | 496              | mg/kg | 0   |      | 20         |
| Nickel, Total                                                                                                               | 17.0          | 17.3             | mg/kg | 2   |      | 20         |
| Potassium, Total                                                                                                            | 1240          | 1240             | mg/kg | 0   |      | 20         |
| Selenium, Total                                                                                                             | ND            | ND               | mg/kg | NC  |      | 20         |
| Silver, Total                                                                                                               | ND            | ND               | mg/kg | NC  |      | 20         |
| Sodium, Total                                                                                                               | 339           | 329              | mg/kg | 3   |      | 20         |

# Lab Duplicate Analysis

*Batch Quality Control*

**Project Name:** 828 METROPOLITAN

**Project Number:** 0205563

**Lab Number:** L2327332

**Report Date:** 06/13/23

| Parameter                                                                                                                   | Native Sample | Duplicate Sample | Units | RPD | RPD Limits |
|-----------------------------------------------------------------------------------------------------------------------------|---------------|------------------|-------|-----|------------|
| Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1782253-4 QC Sample: L2328577-01 Client ID: DUP Sample |               |                  |       |     |            |
| Thallium, Total                                                                                                             | 0.554J        | 0.550J           | mg/kg | NC  | 20         |
| Vanadium, Total                                                                                                             | 18.3          | 18.2             | mg/kg | 1   | 20         |
| Zinc, Total                                                                                                                 | 37.7          | 36.8             | mg/kg | 2   | 20         |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Lab Serial Dilution  
Analysis  
Batch Quality Control**

**Lab Number:** L2327332  
**Report Date:** 06/13/23

| Parameter                                                                                                                      | Native Sample | Serial Dilution | Units | % D | Qual | RPD Limits |
|--------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|-------|-----|------|------------|
| Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1780599-6 QC Sample: L2327098-04 Client ID: DUP Sample |               |                 |       |     |      |            |
| Aluminum, Total                                                                                                                | 8280          | 8820            | mg/kg | 7   |      | 20         |
| Barium, Total                                                                                                                  | 124           | 132             | mg/kg | 6   |      | 20         |
| Calcium, Total                                                                                                                 | 4940          | 5350            | mg/kg | 8   |      | 20         |
| Chromium, Total                                                                                                                | 23.5          | 23.5            | mg/kg | 0   |      | 20         |
| Copper, Total                                                                                                                  | 33.6          | 32.7            | mg/kg | 3   |      | 20         |
| Iron, Total                                                                                                                    | 18000         | 19500           | mg/kg | 8   |      | 20         |
| Lead, Total                                                                                                                    | 288           | 278             | mg/kg | 3   |      | 20         |
| Magnesium, Total                                                                                                               | 2560          | 2580            | mg/kg | 1   |      | 20         |
| Manganese, Total                                                                                                               | 326           | 352             | mg/kg | 8   |      | 20         |
| Vanadium, Total                                                                                                                | 24.0          | 24.3            | mg/kg | 1   |      | 20         |
| Zinc, Total                                                                                                                    | 152           | 154             | mg/kg | 1   |      | 20         |
| Total Metals - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1782253-6 QC Sample: L2328577-01 Client ID: DUP Sample    |               |                 |       |     |      |            |
| Aluminum, Total                                                                                                                | 7090          | 7810            | mg/kg | 10  |      | 20         |
| Barium, Total                                                                                                                  | 56.6          | 60.9            | mg/kg | 8   |      | 20         |
| Calcium, Total                                                                                                                 | 2220          | 2440            | mg/kg | 10  |      | 20         |
| Iron, Total                                                                                                                    | 18000         | 20200           | mg/kg | 12  |      | 20         |
| Magnesium, Total                                                                                                               | 3560          | 4010            | mg/kg | 13  |      | 20         |
| Manganese, Total                                                                                                               | 498           | 554             | mg/kg | 11  |      | 20         |

# **INORGANICS & MISCELLANEOUS**

**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327332**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-01**Client ID:** SR1-10\_14-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/17/23 13:20**Date Received:** 05/17/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 95.8   |           | %     | 0.100 | NA  | 1                  | -                | 05/18/23 09:31   | 121,2540G            | ROI     |





**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327332**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-02**Client ID:** SR1-10\_20-22**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/17/23 13:25**Date Received:** 05/17/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 95.5   |           | %     | 0.100 | NA  | 1                  | -                | 05/18/23 09:31   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327332**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-03**Client ID:** SR1-10\_26-28**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/17/23 13:30**Date Received:** 05/17/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 90.0   |           | %     | 0.100 | NA  | 1                  | -                | 05/18/23 09:31   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327332**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-04**Client ID:** SR1-11\_14-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/17/23 12:50**Date Received:** 05/17/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 92.4   |           | %     | 0.100 | NA  | 1                  | -                | 05/18/23 09:31   | 121,2540G            | ROI     |



Project Name: 828 METROPOLITAN

Project Number: 0205563

Lab Number: L2327332

Report Date: 06/13/23

## SAMPLE RESULTS

Lab ID: L2327332-05

Client ID: SR1-11\_20-22

Sample Location: 828 METROPOLITAN AVE., BROOKLYN, NY

Date Collected: 05/17/23 12:55

Date Received: 05/17/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 94.8   |           | %     | 0.100 | NA  | 1                  | -                | 05/18/23 09:31   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327332**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-06**Client ID:** SR1-11\_26-28**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/17/23 13:00**Date Received:** 05/17/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 94.1   |           | %     | 0.100 | NA  | 1                  | -                | 05/18/23 09:31   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327332**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-07**Client ID:** SR1-12\_14-16**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/17/23 12:00**Date Received:** 05/17/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 77.0   |           | %     | 0.100 | NA  | 1                  | -                | 05/18/23 09:31   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327332**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-08**Client ID:** SR1-12\_20-22**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/17/23 12:05**Date Received:** 05/17/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 79.8   |           | %     | 0.100 | NA  | 1                  | -                | 05/18/23 09:31   | 121,2540G            | ROI     |



**Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327332**Report Date:** 06/13/23**SAMPLE RESULTS****Lab ID:** L2327332-09**Client ID:** SR1-12\_26-28**Sample Location:** 828 METROPOLITAN AVE., BROOKLYN, NY**Date Collected:** 05/17/23 12:10**Date Received:** 05/17/23**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

| Parameter                           | Result | Qualifier | Units | RL    | MDL | Dilution<br>Factor | Date<br>Prepared | Date<br>Analyzed | Analytical<br>Method | Analyst |
|-------------------------------------|--------|-----------|-------|-------|-----|--------------------|------------------|------------------|----------------------|---------|
| General Chemistry - Westborough Lab |        |           |       |       |     |                    |                  |                  |                      |         |
| Solids, Total                       | 88.6   |           | %     | 0.100 | NA  | 1                  | -                | 05/18/23 09:31   | 121,2540G            | ROI     |





**Lab Duplicate Analysis**  
*Batch Quality Control***Project Name:** 828 METROPOLITAN**Project Number:** 0205563**Lab Number:** L2327332**Report Date:** 06/13/23

| Parameter                                                                                                                               | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|-------|-----|------|------------|
| General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1780372-1 QC Sample: L2327332-01 Client ID: SR1-10_14-16 |               |                  |       |     |      |            |
| Solids, Total                                                                                                                           | 95.8          | 96.2             | %     | 0   |      | 20         |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

Serial\_No:06132310:33  
**Lab Number:** L2327332  
**Report Date:** 06/13/23

### Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

#### Cooler Information

| Cooler | Custody Seal |
|--------|--------------|
| A      | Absent       |
| B      | Absent       |

#### Container Information

| Container ID  | Container Type                         | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|---------------|----------------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327332-01A  | Vial MeOH preserved                    | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-01B  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-01C  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-01D  | Plastic 2oz unpreserved for TS         | B      | NA         |          | 2.5        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-01D1 | Plastic 120ml unpreserved              | A      | NA         |          | 2.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-01E  | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 2.1        | Y    | Absent |                  | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180) |
| L2327332-01F  | Plastic 8oz unpreserved                | B      | NA         |          | 2.5        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327332-01G  | Glass 250ml/8oz unpreserved            | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327332-02A  | Vial MeOH preserved                    | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-02B  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-02C  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-02D  | Plastic 2oz unpreserved for TS         | B      | NA         |          | 2.5        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-02D1 | Plastic 120ml unpreserved              | A      | NA         |          | 2.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-02E  | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 2.1        | Y    | Absent |                  | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180) |
| L2327332-02F  | Plastic 8oz unpreserved                | B      | NA         |          | 2.5        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327332-02G  | Glass 250ml/8oz unpreserved            | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Serial\_No:** 06132310:33  
**Lab Number:** L2327332  
**Report Date:** 06/13/23

**Container Information**

| Container ID  | Container Type                         | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|---------------|----------------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327332-03A  | Vial MeOH preserved                    | A      | NA         |          | 2.1        | Y    | Absent |                  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327332-03B  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327332-03C  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327332-03D  | Plastic 2oz unpreserved for TS         | B      | NA         |          | 2.5        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-03D1 | Plastic 120ml unpreserved              | A      | NA         |          | 2.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-03E  | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 2.1        | Y    | Absent |                  | BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),NI-Ti(180),CR-Ti(180),CU-Ti(180),SB-Ti(180),PB-Ti(180),SE-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),FE-Ti(180),HG-T(28),MN-Ti(180),MG-Ti(180),CA-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180) |
| L2327332-03F  | Plastic 8oz unpreserved                | B      | NA         |          | 2.5        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327332-03G  | Glass 250ml/8oz unpreserved            | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327332-04A  | Vial MeOH preserved                    | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-04B  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-04C  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-04D  | Plastic 2oz unpreserved for TS         | B      | NA         |          | 2.5        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-04D1 | Plastic 120ml unpreserved              | A      | NA         |          | 2.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-04E  | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 2.1        | Y    | Absent |                  | BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),TL-Ti(180),NI-Ti(180),CR-Ti(180),ZN-Ti(180),PB-Ti(180),SB-Ti(180),CU-Ti(180),SE-Ti(180),V-Ti(180),CO-Ti(180),HG-T(28),MG-Ti(180),MN-Ti(180),FE-Ti(180),K-Ti(180),NA-Ti(180),CD-Ti(180),CA-Ti(180) |
| L2327332-04F  | Plastic 8oz unpreserved                | B      | NA         |          | 2.5        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327332-04G  | Glass 250ml/8oz unpreserved            | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327332-05A  | Vial MeOH preserved                    | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-05B  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-05C  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-05D  | Plastic 2oz unpreserved for TS         | B      | NA         |          | 2.5        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-05D1 | Plastic 120ml unpreserved              | A      | NA         |          | 2.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |

**Project Name:** 828 METROPOLITAN  
**Project Number:** 0205563

**Serial\_No:**06132310:33  
**Lab Number:** L2327332  
**Report Date:** 06/13/23

**Container Information**

| Container ID  | Container Type                         | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|---------------|----------------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327332-05E  | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 2.1        | Y    | Absent |                  | BE-Ti(180),BA-Ti(180),AS-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),SE-Ti(180),SB-Ti(180),ZN-Ti(180),CU-Ti(180),PB-Ti(180),CO-Ti(180),V-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),NA-Ti(180),CD-Ti(180),K-Ti(180),CA-Ti(180) |
| L2327332-05F  | Plastic 8oz unpreserved                | B      | NA         |          | 2.5        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327332-05G  | Glass 250ml/8oz unpreserved            | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327332-06A  | Vial MeOH preserved                    | A      | NA         |          | 2.1        | Y    | Absent |                  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327332-06B  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327332-06C  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | HOLD-8260HLW(14)                                                                                                                                                                                                                                         |
| L2327332-06D  | Plastic 2oz unpreserved for TS         | B      | NA         |          | 2.5        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-06D1 | Plastic 120ml unpreserved              | A      | NA         |          | 2.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-06E  | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 2.1        | Y    | Absent |                  | BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),AL-Ti(180),NI-Ti(180),TL-Ti(180),CR-Ti(180),SE-Ti(180),PB-Ti(180),SB-Ti(180),CU-Ti(180),ZN-Ti(180),CO-Ti(180),V-Ti(180),MG-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),CA-Ti(180),CD-Ti(180),K-Ti(180),NA-Ti(180) |
| L2327332-06F  | Plastic 8oz unpreserved                | B      | NA         |          | 2.5        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327332-06G  | Glass 250ml/8oz unpreserved            | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327332-07A  | Vial MeOH preserved                    | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-07B  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-07C  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-07D  | Plastic 2oz unpreserved for TS         | B      | NA         |          | 2.5        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-07D1 | Plastic 120ml unpreserved              | A      | NA         |          | 2.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-07E  | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 2.1        | Y    | Absent |                  | BE-Ti(180),AS-Ti(180),BA-Ti(180),AG-Ti(180),TL-Ti(180),CR-Ti(180),NI-Ti(180),AL-Ti(180),ZN-Ti(180),SE-Ti(180),PB-Ti(180),CU-Ti(180),SB-Ti(180),V-Ti(180),CO-Ti(180),MN-Ti(180),FE-Ti(180),HG-T(28),MG-Ti(180),K-Ti(180),CD-Ti(180),CA-Ti(180),NA-Ti(180) |
| L2327332-07F  | Plastic 8oz unpreserved                | B      | NA         |          | 2.5        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327332-07G  | Glass 250ml/8oz unpreserved            | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327332-07X  | Vial MeOH preserved split              | NA     | NA         |          |            | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |

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**Container Information**

| Container ID  | Container Type                         | Cooler | Initial pH | Final pH | Temp deg C | Pres | Seal   | Frozen Date/Time | Analysis(*)                                                                                                                                                                                                                                              |
|---------------|----------------------------------------|--------|------------|----------|------------|------|--------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| L2327332-08A  | Vial MeOH preserved                    | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-08B  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-08C  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-08D  | Plastic 2oz unpreserved for TS         | B      | NA         |          | 2.5        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-08D1 | Plastic 120ml unpreserved              | A      | NA         |          | 2.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-08E  | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 2.1        | Y    | Absent |                  | BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180) |
| L2327332-08F  | Plastic 8oz unpreserved                | B      | NA         |          | 2.5        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327332-08G  | Glass 250ml/8oz unpreserved            | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327332-09A  | Vial MeOH preserved                    | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-09B  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-09C  | Vial water preserved                   | A      | NA         |          | 2.1        | Y    | Absent | 18-MAY-23 04:24  | NYTCL-8260HLW(14)                                                                                                                                                                                                                                        |
| L2327332-09D  | Plastic 2oz unpreserved for TS         | B      | NA         |          | 2.5        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-09D1 | Plastic 120ml unpreserved              | A      | NA         |          | 2.1        | Y    | Absent |                  | TS(7)                                                                                                                                                                                                                                                    |
| L2327332-09E  | Metals Only-Glass 60mL/2oz unpreserved | A      | NA         |          | 2.1        | Y    | Absent |                  | BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180) |
| L2327332-09F  | Plastic 8oz unpreserved                | B      | NA         |          | 2.5        | Y    | Absent |                  | A2-NY-1633-DRAFT-21(90)                                                                                                                                                                                                                                  |
| L2327332-09G  | Glass 250ml/8oz unpreserved            | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)                                                                                                                                                                                                            |
| L2327332-10A  | Vial HCl preserved                     | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8260(14)                                                                                                                                                                                                                                           |
| L2327332-10B  | Vial HCl preserved                     | A      | NA         |          | 2.1        | Y    | Absent |                  | NYTCL-8260(14)                                                                                                                                                                                                                                           |

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### PFAS PARAMETER SUMMARY

| Parameter                                                               | Acronym      | CAS Number  |
|-------------------------------------------------------------------------|--------------|-------------|
| PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)                                 |              |             |
| Perfluorooctadecanoic Acid                                              | PFODA        | 16517-11-6  |
| Perfluorohexadecanoic Acid                                              | PFHxDA       | 67905-19-5  |
| Perfluorotetradecanoic Acid                                             | PFTA/PFTeDA  | 376-06-7    |
| Perfluorotridecanoic Acid                                               | PFTrDA       | 72629-94-8  |
| Perfluorododecanoic Acid                                                | PFDoA        | 307-55-1    |
| Perfluoroundecanoic Acid                                                | PFUnA        | 2058-94-8   |
| Perfluorodecanoic Acid                                                  | PFDA         | 335-76-2    |
| Perfluorononanoic Acid                                                  | PFNA         | 375-95-1    |
| Perfluorooctanoic Acid                                                  | PFOA         | 335-67-1    |
| Perfluoroheptanoic Acid                                                 | PFHpA        | 375-85-9    |
| Perfluorohexanoic Acid                                                  | PFHxA        | 307-24-4    |
| Perfluoropentanoic Acid                                                 | PFPeA        | 2706-90-3   |
| Perfluorobutanoic Acid                                                  | PFBA         | 375-22-4    |
| PERFLUOROALKYL SULFONIC ACIDS (PFSAs)                                   |              |             |
| Perfluorododecanesulfonic Acid                                          | PFDoDS/PFDoS | 79780-39-5  |
| Perfluorodecanesulfonic Acid                                            | PFDS         | 335-77-3    |
| Perfluorononanesulfonic Acid                                            | PFNS         | 68259-12-1  |
| Perfluorooctanesulfonic Acid                                            | PFOS         | 1763-23-1   |
| Perfluoroheptanesulfonic Acid                                           | PFHpS        | 375-92-8    |
| Perfluorohexanesulfonic Acid                                            | PFHxS        | 355-46-4    |
| Perfluoropentanesulfonic Acid                                           | PFPeS        | 2706-91-4   |
| Perfluorobutanesulfonic Acid                                            | PFBS         | 375-73-5    |
| Perfluoropropanesulfonic Acid                                           | PFPrS        | 423-41-6    |
| FLUOROTELOMERS                                                          |              |             |
| 1H,1H,2H,2H-Perfluorododecanesulfonic Acid                              | 10:2FTS      | 120226-60-0 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic Acid                                | 8:2FTS       | 39108-34-4  |
| 1H,1H,2H,2H-Perfluorooctanesulfonic Acid                                | 6:2FTS       | 27619-97-2  |
| 1H,1H,2H,2H-Perfluorohexanesulfonic Acid                                | 4:2FTS       | 757124-72-4 |
| PERFLUOROALKANE SULFONAMIDES (FASAs)                                    |              |             |
| Perfluorooctanesulfonamide                                              | FOSA/PFOSA   | 754-91-6    |
| N-Ethyl Perfluorooctane Sulfonamide                                     | NEtFOSA      | 4151-50-2   |
| N-Methyl Perfluorooctane Sulfonamide                                    | NMeFOSA      | 31506-32-8  |
| PERFLUOROALKANE SULFONYL SUBSTANCES                                     |              |             |
| N-Ethyl Perfluorooctanesulfonamido Ethanol                              | NEtFOSE      | 1691-99-2   |
| N-Methyl Perfluorooctanesulfonamido Ethanol                             | NMeFOSE      | 24448-09-7  |
| N-Ethyl Perfluorooctanesulfonamidoacetic Acid                           | NEtFOSAA     | 2991-50-6   |
| N-Methyl Perfluorooctanesulfonamidoacetic Acid                          | NMeFOSAA     | 2355-31-9   |
| PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS                         |              |             |
| 2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid | HFPO-DA      | 13252-13-6  |
| 4,8-Dioxa-3h-Perfluorononanoic Acid                                     | ADONA        | 919005-14-4 |
| CHLORO-PERFLUOROALKYL SULFONIC ACIDS                                    |              |             |
| 11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid                     | 11Cl-PF3OUdS | 763051-92-9 |
| 9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid                        | 9Cl-PF3ONS   | 756426-58-1 |
| PERFLUOROETHER SULFONIC ACIDS (PFESAs)                                  |              |             |
| Perfluoro(2-Ethoxyethane)Sulfonic Acid                                  | PFEEA        | 113507-82-7 |
| PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)                      |              |             |
| Perfluoro-3-Methoxypropanoic Acid                                       | PFMPA        | 377-73-1    |
| Perfluoro-4-Methoxybutanoic Acid                                        | PFMBA        | 863090-89-5 |
| Nonafluoro-3,6-Dioxaheptanoic Acid                                      | NFDHA        | 151772-58-6 |

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### PFAS PARAMETER SUMMARY

| Parameter                              | Acronym | CAS Number  |
|----------------------------------------|---------|-------------|
| FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs) |         |             |
| 3-Perfluoroheptyl Propanoic Acid       | 7:3FTCA | 812-70-4    |
| 2H,2H,3H,3H-Perfluorooctanoic Acid     | 5:3FTCA | 914637-49-3 |
| 3-Perfluoropropyl Propanoic Acid       | 3:3FTCA | 356-02-5    |

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## GLOSSARY

### Acronyms

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DL       | - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)                                                                                                                                                                |
| EDL      | - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).                                                                                         |
| EMPC     | - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.                                                                                                                                                                                                                               |
| EPA      | - Environmental Protection Agency.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| LCS      | - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.                                                                                                                                                                                                                                                                                                                          |
| LCSD     | - Laboratory Control Sample Duplicate: Refer to LCS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LFB      | - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.                                                                                                                                                                                                                                                                                                                         |
| LOD      | - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)                                                                                                                                                                                                               |
| LOQ      | - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)<br><br>Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) |
| MDL      | - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.                                                                                                                                                                                          |
| MS       | - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.                                                                                                                                                                                                    |
| MSD      | - Matrix Spike Sample Duplicate: Refer to MS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| NA       | - Not Applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NC       | - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.                                                                                                                                                                                                                                                                                                                                                                           |
| NDPA/DPA | - N-Nitrosodiphenylamine/Diphenylamine.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NI       | - Not Ignitable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| NP       | - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| NR       | - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.                                                                                                                                                                                                                                                                                                                                                                    |
| RL       | - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.                                                                                                                                                                                                                                                                                                   |
| RPD      | - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.                                                                  |
| SRM      | - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.                                                                                                                                                                                                                                                                                                                                                                     |
| STLP     | - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| TEF      | - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.                                                                                                                                                                                                                                                                                                                                                                                             |
| TEQ      | - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.                                                                                                                                                                                                                                                                                                                                                        |
| TIC      | - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.                                                                                                                                                                                                                                                                      |

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### Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

**Analytical Method:** Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

**Chlordane:** The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

**Difference:** With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

**Final pH:** As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

**Frozen Date/Time:** With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

**Gasoline Range Organics (GRO):** Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

**Initial pH:** As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

**PAH Total:** With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

**PFAS Total:** With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

**Total:** With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

### Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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**Data Qualifiers**

Identified Compounds (TICs).

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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## REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

## LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



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**Certification Information**

The following analytes are not included in our Primary NELAP Scope of Accreditation:

**Westborough Facility****EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625/625.1:** alpha-Terpineol**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

**Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

**Westborough Facility:****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

|                                                                                                                                                                                                                                                 |              |                                                                                                                                                                                                                      |               |                                                                                                                                                                                                                                                                                                                                                                                       |      |                                                                                                                                                                                                                           |            |                                                                                               |            |                                                                                                                                                                                                                                                                              |             |                          |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------|---------------|
|  <b>NEW YORK CHAIN OF CUSTODY</b>                                                                                                                              |              | <b>Service Centers</b><br>Mahwah, NJ 07430: 35 Whitney Rd, Suite 5<br>Albany, NY 12205: 14 Walker Way<br>Tonawanda, NY 14150: 275 Cooper Ave, Suite 105                                                              |               | Page<br>1 of 1                                                                                                                                                                                                                                                                                                                                                                        |      | Date Rec'd<br>in Lab 05/17/23                                                                                                                                                                                             |            | ALPHA Job #<br>L2327332                                                                       |            |                                                                                                                                                                                                                                                                              |             |                          |               |
| Westborough, MA 01581<br>8 Walkup Dr.<br>TEL: 508-898-9220<br>FAX: 508-898-9193                                                                                                                                                                 |              | Mansfield, MA 02048<br>320 Forbes Blvd<br>TEL: 508-822-9300<br>FAX: 508-822-3288                                                                                                                                     |               | <b>Project Information</b><br>Project Name: 828 Metropolitan<br>Project Location: 828 Metropolitan Ave, Brooklyn, NY<br>Project # 0205563<br>(Use Project name as Project #) <input type="checkbox"/>                                                                                                                                                                                 |      | <b>Deliverables:</b><br><input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B<br><input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)<br><input type="checkbox"/> Other     |            | <b>Billing Information</b><br><input checked="" type="checkbox"/> Same as Client Info<br>PO # |            |                                                                                                                                                                                                                                                                              |             |                          |               |
| <b>Client Information</b><br>Client: Haly & Aldrich<br>Address: 237 W 35th St<br>New York, NY<br>Phone: (480) 261-0004<br>Fax:<br>Email: SBell@halyaldrich.com                                                                                  |              | <b>Project Manager:</b> Suzanne Bell<br><b>ALPHAQuote #:</b><br><b>Turn-Around Time</b><br>Standard <input checked="" type="checkbox"/> Due Date:<br>Rush (only if pre approved) <input type="checkbox"/> # of Days: |               | <b>Regulatory Requirement</b><br><input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375<br><input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51<br><input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other<br><input checked="" type="checkbox"/> NY Unrestricted Use<br><input type="checkbox"/> NYC Sewer Discharge |      | <b>Disposal Site Information</b><br>Please identify below location of applicable disposal facilities.<br>Disposal Facility:<br><input type="checkbox"/> NJ <input type="checkbox"/> NY<br><input type="checkbox"/> Other: |            |                                                                                               |            |                                                                                                                                                                                                                                                                              |             |                          |               |
| These samples have been previously analyzed by Alpha <input type="checkbox"/><br>Other project specific requirements/comments:                                                                                                                  |              |                                                                                                                                                                                                                      |               | <b>ANALYSIS</b>                                                                                                                                                                                                                                                                                                                                                                       |      | <b>Sample Filtration</b><br><input type="checkbox"/> Done<br><input type="checkbox"/> Lab to do<br>Preservation<br><input type="checkbox"/> Lab to do<br>(Please Specify below)                                           |            | Total Bottles                                                                                 |            |                                                                                                                                                                                                                                                                              |             |                          |               |
| Please specify Metals or TAL.                                                                                                                                                                                                                   |              |                                                                                                                                                                                                                      |               | VOCs SVOCs TAL Metals PCBs Pesticides PFAS 1,4-Dioxane                                                                                                                                                                                                                                                                                                                                |      | Sample Specific Comments                                                                                                                                                                                                  |            | Total Bottles                                                                                 |            |                                                                                                                                                                                                                                                                              |             |                          |               |
| ALPHA Lab ID<br>(Lab Use Only)                                                                                                                                                                                                                  | Sample ID    | Collection<br>Date Time                                                                                                                                                                                              | Sample Matrix | Sampler's Initials                                                                                                                                                                                                                                                                                                                                                                    | VOCs | SVOCs                                                                                                                                                                                                                     | TAL Metals | PCBs                                                                                          | Pesticides | PFAS                                                                                                                                                                                                                                                                         | 1,4-Dioxane | Sample Specific Comments | Total Bottles |
| 27332-01                                                                                                                                                                                                                                        | SRI-10-14-16 | 5/17/23 1320                                                                                                                                                                                                         | S             | MC                                                                                                                                                                                                                                                                                                                                                                                    | X    | X                                                                                                                                                                                                                         | X          | X                                                                                             | X          | X                                                                                                                                                                                                                                                                            | X           |                          |               |
| -02                                                                                                                                                                                                                                             | SRI-10-20-22 | 1325                                                                                                                                                                                                                 |               |                                                                                                                                                                                                                                                                                                                                                                                       | X    | X                                                                                                                                                                                                                         | X          | X                                                                                             | X          | X                                                                                                                                                                                                                                                                            | X           |                          |               |
| -03                                                                                                                                                                                                                                             | SRI-10-26-28 | 1330                                                                                                                                                                                                                 |               |                                                                                                                                                                                                                                                                                                                                                                                       | X    | X                                                                                                                                                                                                                         | X          | X                                                                                             | X          | X                                                                                                                                                                                                                                                                            | X           |                          |               |
| -04                                                                                                                                                                                                                                             | SRI-11-14-16 | 1250                                                                                                                                                                                                                 |               |                                                                                                                                                                                                                                                                                                                                                                                       | X    | X                                                                                                                                                                                                                         | X          | X                                                                                             | X          | X                                                                                                                                                                                                                                                                            | X           |                          |               |
| -05                                                                                                                                                                                                                                             | SRI-11-20-22 | 1255                                                                                                                                                                                                                 |               |                                                                                                                                                                                                                                                                                                                                                                                       | X    | X                                                                                                                                                                                                                         | X          | X                                                                                             | X          | X                                                                                                                                                                                                                                                                            | X           |                          |               |
| -06                                                                                                                                                                                                                                             | SRI-11-26-28 | 1300                                                                                                                                                                                                                 |               |                                                                                                                                                                                                                                                                                                                                                                                       | X    | X                                                                                                                                                                                                                         | X          | X                                                                                             | X          | X                                                                                                                                                                                                                                                                            | X           |                          |               |
| -07                                                                                                                                                                                                                                             | SRI-12-14-16 | 1200                                                                                                                                                                                                                 |               |                                                                                                                                                                                                                                                                                                                                                                                       | X    | X                                                                                                                                                                                                                         | X          | X                                                                                             | X          | X                                                                                                                                                                                                                                                                            | X           |                          |               |
| -08                                                                                                                                                                                                                                             | SRI-12-20-22 | 1205                                                                                                                                                                                                                 |               |                                                                                                                                                                                                                                                                                                                                                                                       | X    | X                                                                                                                                                                                                                         | X          | X                                                                                             | X          | X                                                                                                                                                                                                                                                                            | X           |                          |               |
| -09                                                                                                                                                                                                                                             | SRI-12-26-28 | 1210                                                                                                                                                                                                                 |               |                                                                                                                                                                                                                                                                                                                                                                                       | X    | X                                                                                                                                                                                                                         | X          | X                                                                                             | X          | X                                                                                                                                                                                                                                                                            | X           |                          |               |
| -10                                                                                                                                                                                                                                             | Trip Blank   | N/A                                                                                                                                                                                                                  | BLANK         | MC                                                                                                                                                                                                                                                                                                                                                                                    | X    |                                                                                                                                                                                                                           |            |                                                                                               |            |                                                                                                                                                                                                                                                                              |             |                          |               |
| Preservative Code:<br>A = None<br>B = HCl<br>C = HNO <sub>3</sub><br>D = H <sub>2</sub> SO <sub>4</sub><br>E = NaOH<br>F = MeOH<br>G = NaHSO <sub>4</sub><br>H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub><br>K/E = Zn Ac/NaOH<br>O = Other |              | Container Code:<br>P = Plastic<br>A = Amber Glass<br>V = Vial<br>G = Glass<br>B = Bacteria Cup<br>C = Cube<br>O = Other<br>E = Encore<br>D = BOD Bottle                                                              |               | Westboro: Certification No: MA935<br>Mansfield: Certification No: MA015                                                                                                                                                                                                                                                                                                               |      | Container Type<br>Preservative                                                                                                                                                                                            |            | V A A A A A A<br>F A A P A A A                                                                |            | Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.) |             |                          |               |
| Relinquished By: Matthew Cal                                                                                                                                                                                                                    |              | Date/Time: 5/17/23 1345                                                                                                                                                                                              |               | Received By: [Signature]                                                                                                                                                                                                                                                                                                                                                              |      | Date/Time: 5/17/23 1345                                                                                                                                                                                                   |            | [Signature]                                                                                   |            | [Signature]                                                                                                                                                                                                                                                                  |             | [Signature]              |               |
| Relinquished By: [Signature]                                                                                                                                                                                                                    |              | Date/Time: 5/17/23 1345                                                                                                                                                                                              |               | Received By: [Signature]                                                                                                                                                                                                                                                                                                                                                              |      | Date/Time: 5/17/23 1345                                                                                                                                                                                                   |            | [Signature]                                                                                   |            | [Signature]                                                                                                                                                                                                                                                                  |             | [Signature]              |               |
| Relinquished By: [Signature]                                                                                                                                                                                                                    |              | Date/Time: 5/17/23 1345                                                                                                                                                                                              |               | Received By: [Signature]                                                                                                                                                                                                                                                                                                                                                              |      | Date/Time: 5/17/23 1345                                                                                                                                                                                                   |            | [Signature]                                                                                   |            | [Signature]                                                                                                                                                                                                                                                                  |             | [Signature]              |               |

## **APPENDIX D**

### **Data Usability Summary Reports**

## **Data Usability Summary Report**

**Project Name: 828 Metropolitan Ave.**

**Project Description: Soil Samples**

**Sample Date(s): 17 May 2023**

**Analytical Laboratory: Alpha Analytical – Westborough, MA**

**Validation Performed by: Oscar Cervantes**

**Validation Reviewed by: Katherine Miller**

**Validation Date: 12 June 2023**

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Haley & Aldrich, Inc. prepared this Data Usability Summary Report (DUSR) to summarize the review and validation of the analytical results for Sample Delivery Group(s) (SDG) listed. This DUSR is organized into the following sections:

- 1. Sample Delivery Group Number L2326867, L2327188, and L2327332**
  - 2. Precision and Accuracy [for SDG(s) above]**
  - 3. Explanations**
  - 4. Glossary**
  - 5. Abbreviations**
  - 6. Qualifiers**
- References**

This data validation and usability assessment was performed per the guidance and requirements established by the United States Environmental Protection Agency (USEPA) using the following reference materials:

- National Functional Guidelines (NFG) for Inorganic Data Review.
- National Functional Guidelines (NFG) for Organic Data Review.
- Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under New York State Department of Environmental Conservation's (NYSDEC's) Part 375 Remedial Programs.

Data reported in this sampling event were reported to the laboratory reporting limit (RL). Results found between the MDL and RL are flagged J as estimated.

Sample data were qualified in accordance with the laboratory's standard operating procedures (SOP). The results presented in each laboratory report were found to be compliant with the data quality objectives (DQO) for the project and therefore usable; any exceptions are noted in the following pages.



## 1. Sample Delivery Group Number L2326867, L2327188, and L2327332

### 1.1 SAMPLE MANAGEMENT

This DUSR summarizes the review of SDG numbers L2326867, L2327188, and L2327332. Samples were collected, preserved, and shipped following standard chain of custody (COC) protocol.

Samples were also received appropriately, identified correctly, and analyzed according to the COC.

Analyses were performed on the following samples:

| Sample ID               | Sample Type | Lab ID      | Sample Date | Matrix | Methods                |
|-------------------------|-------------|-------------|-------------|--------|------------------------|
| SRI-03_14-16            | N           | L2326867-12 | 05/15/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-04_14-16            | N           | L2326867-15 | 05/15/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-04_20-22            | N           | L2326867-16 | 05/15/2023  | SO     | A, B, C, D, E, F, G, H |
| FIELD BLANK-06-20230515 | FB          | L2326867-18 | 05/15/2023  | WQ     | G                      |
| TRIP BLANK-20230515     | TB          | L2326867-19 | 05/15/2023  | WQ     | F                      |
| FIELD BLANK-01-20230515 | FB          | L2326867-20 | 05/15/2023  | WQ     | I                      |
| FIELD BLANK-02-20230515 | FB          | L2326867-21 | 05/15/2023  | WQ     | F                      |
| FIELD BLANK-03-20230515 | FB          | L2326867-22 | 05/15/2023  | WQ     | D, E                   |
| FIELD BLANK-04-20230515 | FB          | L2326867-23 | 05/15/2023  | WQ     | J, K                   |
| FIELD BLANK-05-20230515 | FB          | L2326867-24 | 05/15/2023  | WQ     | H, I                   |
| SRI-01_14-16            | N           | L2327188-18 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-01_20-22            | N           | L2327188-19 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-02_14-16            | N           | L2327188-21 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-02_20-22            | N           | L2327188-22 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-06_14-16            | N           | L2327188-24 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-06_20-22            | N           | L2327188-25 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-05_14-16            | N           | L2327188-27 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-05_20-22            | N           | L2327188-28 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-07_14-16            | N           | L2327188-30 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-07_20-22            | N           | L2327188-31 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-08_14-16            | N           | L2327188-33 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-08_20-22            | N           | L2327188-34 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-09_14-16            | N           | L2327188-36 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-09_20-22            | N           | L2327188-37 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |
| SRI-02_26-28            | FD          | L2327188-39 | 05/16/2023  | SO     | A, B, C, D, E, F, G, H |



| Sample ID           | Sample Type | Lab ID      | Sample Date | Matrix | Methods                |
|---------------------|-------------|-------------|-------------|--------|------------------------|
| TRIP BLANK-20230516 | TB          | L2327188-40 | 05/16/2023  | WQ     | F                      |
| SR1-10_14-16        | N           | L2327332-01 | 05/17/2023  | SO     | A, B, C, D, E, F, G, H |
| SR1-10_20-22        | N           | L2327332-02 | 05/17/2023  | SO     | A, B, C, D, E, F, G, H |
| SR1-10_26-28        | N           | L2327332-03 | 05/17/2023  | SO     | A, B, C, D, E, G, H    |
| SR1-11_14-16        | N           | L2327332-04 | 05/17/2023  | SO     | A, B, C, D, E, F, G, H |
| SR1-11_20-22        | N           | L2327332-05 | 05/17/2023  | SO     | A, B, C, D, E, F, G, H |
| SR1-11_26-28        | N           | L2327332-06 | 05/17/2023  | SO     | A, B, C, D, E, G, H    |
| SR1-12_14-16        | N           | L2327332-07 | 05/17/2023  | SO     | A, B, C, D, E, F, G, H |
| SR1-12_20-22        | N           | L2327332-08 | 05/17/2023  | SO     | A, B, C, D, E, F, G, H |
| SR1-12_26-28        | N           | L2327332-09 | 05/17/2023  | SO     | A, B, C, D, E, F, G, H |
| TRIP BLANK-20230517 | TB          | L2327332-10 | 05/17/2023  | WQ     | F                      |

| Method Holding Times |            |                                           |                                        |
|----------------------|------------|-------------------------------------------|----------------------------------------|
| A.                   | SM2540G    | Total Solids                              | 7 days for solid unpreserved           |
| B.                   | SW6010D    | Metals (by Optical Emission Spectrometry) | 180 days for solid unpreserved         |
| C.                   | SW7471B    | Mercury (in Solids)                       | 28 days extraction / 48 hours analysis |
| D.                   | SW8081B    | Organochlorine Pesticides                 | 14 days extraction / 40 days analysis  |
| E.                   | SW8082A    | PCBS                                      | 14 days extraction / 40 days analysis  |
| F.                   | SW8260D    | Volatile Organic Compounds (VOCs)         | 14 days for solid, preserved 14 days   |
| G.                   | E1633      | PFAS                                      | 14 days extraction / 28 days analysis  |
| H.                   | SW8270E    | Semivolatile Organic Compounds (SVOCs)    | 14 days extraction / 40 days analysis  |
| I.                   | SW8270ESIM | Polycyclic Aromatic Hydrocarbons (PAHs)   | 7 days extraction / 40 days analysis   |
| J.                   | SW6020B    | Metals                                    | 180 days                               |
| K.                   | SW7470A    | Mercury (in Liquids)                      | 28 days extraction / 48 hours analysis |

## 1.2 HOLDING TIMES/PRESERVATION

The samples arrived at the laboratory at the proper temperature and were prepared and analyzed within the holding time and preservation criteria specified per method protocol.

## 1.3 REPORTING LIMITS AND SAMPLE DILUTIONS

All sample dilutions were reviewed and found to be justified. Dilution of the project samples were required to bring calibration of target analytes within calibration range, matrix interference, foaming at the time of purging, or abundance of non-target analytes.

## 1.4 REPORTING BASIS (WET/DRY)

[Refer to section E 1.1.](#) Soil data in this SDG were reported on a dry weight basis.

Where reported, percent solid results were reviewed and found to be within limits.

## 1.5 SURROGATE RECOVERY COMPLIANCE

[Refer to section E 1.2.](#) The percent recovery (%R) for each surrogate compound added to each project sample were determined to be within the laboratory specified quality control (QC) limits, with the following exceptions:

| Method | Sample ID    | Lab ID      | Surrogate             | Dilution | %R   | Qualification          |
|--------|--------------|-------------|-----------------------|----------|------|------------------------|
| 8260D  | SR1-10_14-16 | L2327332-01 | 1,2-Dichloroethane-d4 | 1x       | 139% | None, samples ND       |
| 8260D  | SR1-10_20-22 | L2327332-02 | 1,2-Dichloroethane-d4 | 1x       | 140% | None, samples ND       |
| 8260D  | SR1-11_14-16 | L2327332-04 | 1,2-Dichloroethane-d4 | 1x       | 140% | J+/None                |
| 8260D  | SR1-11_20-22 | L2327332-05 | 1,2-Dichloroethane-d4 | 1x       | 140% | J+/None                |
| 8260D  | SR1-12_20-22 | L2327332-08 | 1,2-Dichloroethane-d4 | 1x       | 139% | J+/None                |
| 8260D  | SR1-12_26-28 | L2327332-09 | 1,2-Dichloroethane-d4 | 1x       | 138% | None, samples ND       |
| 8260D  | SRI-10_20-22 | L2327332-02 | Decachlorobiphenyl    | 1x       | 157% | None, samples ND       |
| 8270E  | SRI-05_14-16 | L2327188-27 | 2-Fluorophenol        | 5x       | 15%  | J-/UJ target compounds |
| 8081B  | SRI-05_14-16 | L2327188-27 | Decachlorobiphenyl    | 1x       | 159% | None, samples ND       |

## 1.6 LABORATORY CONTROL SAMPLES

[Refer to section E 1.3.](#) Compounds associated with the laboratory control samples/laboratory control sample duplicates (LCS/LCSD) analyses associated with client samples exhibited recoveries and relative percent differences (RPDs) within the specified limits with the following exceptions:

| SDG #    | Sample Type | Method | Batch ID      | Analyte                     | %R/RPD    | Qualifier | Affected Samples     |
|----------|-------------|--------|---------------|-----------------------------|-----------|-----------|----------------------|
| L2327332 | LCS/LCSD    | 8260D  | WG1782734-3/4 | Trans-1,2-dichloroethene    | 132%      | J+/None   | None, samples are ND |
| L2327332 | LCS/LCSD    | 8260D  | WG1782734-3/4 | Acetone                     | 152%/156% | J+/None   | L2327332-04, -05     |
| L2327332 | LCS/LCSD    | 8260D  | WG1782854-3/4 | Trans-1,4-dichloro-2-butene | 62%/63%   | J-/R      | L2327332-10          |
| L2327332 | LCS/LCSD    | 8260D  | WG1781624-2/3 | Hexachlorocyclopentadiene   | 34%/33%   | J-/R      | L2327332-01-09       |
| L2327332 | LCS/LCSD    | 8260D  | WG1781624-2/3 | 4-Chloroaniline             | 38%/37%   | J-/R      | L2327332-01-09       |
| L2326867 | LCS/LCSD    | 8260D  | WG1779491-4   | Acrylonitrile               | RPD = 29  | J+/None   | None, samples are ND |
| L2326867 | LCS/LCSD    | 8260D  | WG1779491-3/4 | Trichlorofluoromethane      | RPD = 21  | J+/None   | None, samples are ND |

| SDG #    | Sample Type | Method | Batch ID      | Analyte                  | %R/RPD    | Qualifier | Affected Samples      |
|----------|-------------|--------|---------------|--------------------------|-----------|-----------|-----------------------|
| L2326867 | LCS/LCSD    | 8260D  | WG1779491-3/4 | Vinyl acetate            | RPD = 21  | J+/None   | None, samples are ND  |
| L2326867 | LCS/LCSD    | 8270E  | WG1778913-2/3 | 4-Chloroaniline          | 25%/23%   | J-/R      | L2326867-12, -15, -16 |
| L2326867 | LCS/LCSD    | 8270E  | WG1778913-2/3 | Pentachlorophenol        | 142%/140% | J+/None   | None, samples are ND  |
| L2326867 | LCS/LCSD    | 8270E  | WG1779233-2/3 | 4-Chloroaniline          | 33%       | J-/R      | L2326867-24           |
| L2326867 | LCS/LCSD    | 8270E  | WG1779233-2/3 | 4-Nitrophenol            | 83%/85%   | J+/None   | None, samples are ND  |
| L2327188 | LCS         | 8260D  | WG1780065-3/4 | Ethyl ether              | 50%       | J/UI      | L2327188-40           |
| L2327188 | LCS/LCSD    | 8260D  | WG1780065-3/4 | Trans-1,2-dichloroethene | RPD = 21  | J/None    | None, samples are ND  |
| L2327188 | LCS/LCSD    | 8260D  | WG1780065-3/4 | Chloroethane             | RPD = 26  | J/None    | None, samples are ND  |
| L2327188 | LCS/LCSD    | 8260D  | WG1780065-3/4 | Bromomethane             | RPD = 25  | J/None    | None, samples are ND  |
| L2327188 | LCS/LCSD    | 8260D  | WG1780065-3/4 | Methylene chloride       | RPD = 23  | J/None    | None, samples are ND  |
| L2327188 | LCSD        | 8260D  | WG1780134-3/4 | Methyl tert butyl ether  | 149%      | J/None    | None, samples are ND  |
| L2327188 | LCS         | 8260D  | WG1780134-3/4 | Acetone                  | 148%      | J/None    | L2327188-39           |
| L2327188 | LCS/LCSD    | 8260D  | WG1780135-3/4 | Bromomethane             | 189%/199% | J/None    | None, samples are ND  |
| L2327188 | LCS/LCSD    | 8260D  | WG1780135-3/4 | 1,1-Dichloroethene       | RPD = 41  | J/None    | None, samples are ND  |
| L2327188 | LCS         | 8260D  | WG1780135-3/4 | Dibromomethane           | 132%      | J/None    | None, samples are ND  |
| L2327188 | LCS/LCSD    | 8260D  | WG1780135-3/4 | Carbon disulfide         | RPD = 47  | J/None    | None, samples are ND  |

| SDG #    | Sample Type | Method | Batch ID      | Analyte              | %R/RPD  | Qualifier | Affected Samples                       |
|----------|-------------|--------|---------------|----------------------|---------|-----------|----------------------------------------|
| L2327188 | LCS/LCSD    | 8260D  | WG1780135-3/4 | 4-Methyl-2-Pentanone | 68%/65% | J/UJ      | L2327188-18-19, -21-22, -24-25, -27-28 |
| L2327188 | LCSD        | 8260D  | WG1780135-3/4 | Ethyl ether          | 132%    | J/None    | None, samples are ND                   |

## 1.7 MATRIX SPIKE SAMPLES

Refer to section E 1.4. The sample(s) below were used for matrix spike/matrix spike duplicate (MS/MSD):

| Lab Sample Number | Matrix Spike/Matrix Spike Duplicate Sample Client ID | Method(s)                         |
|-------------------|------------------------------------------------------|-----------------------------------|
| L2326867-12       | SRI-03_14-16                                         | SW6020B                           |
| L2327188-18       | SRI-01_14-16                                         | 8260D, 8270E, 8082A, 8081B, 6010D |

The MS/MSD recoveries and the relative percent difference (RPD) between the MS and MSD results were within the specified limits with the following exceptions:

| Sample Type | Method | Parent Sample | Analyte                   | %R/RPD   | Qualifier | Affected Samples     |
|-------------|--------|---------------|---------------------------|----------|-----------|----------------------|
| MS          | 8260D  | L2327188-18   | Chlorobenzene             | 69%      | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | 1,1,2,2-Tetrachloroethane | 56%      | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | Ethylbenzene              | 66%      | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | 1,2-Dichlorobenzene       | 45%      | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | 1,3-Dichlorobenzene       | 45%      | J/UJ      | L2327188-18          |
| MS/MSD      | 8260D  | L2327188-18   | 1,4-Dichlorobenzene       | 43%/69%  | J/UJ      | L2327188-18          |
| MS/MSD      | 8260D  | L2327188-18   | Methyl tert butyl ether   | RPD = 31 | J/None    | None, samples are ND |
| MS          | 8260D  | L2327188-18   | p/m-Xylene                | 65%      | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | o-Xylene                  | 63%      | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | Styrene                   | 62%      | J/UJ      | L2327188-18          |
| MS/MSD      | 8260D  | L2327188-18   | Acetone                   | RPD = 40 | J/None    | L2327188-18          |
| MSD         | 8260D  | L2327188-18   | 2-Butanone                | 63%      | J/UJ      | L2327188-18          |
| MS/MSD      | 8260D  | L2327188-18   | Vinyl acetate             | 32%/71%  | J/UJ      | L2327188-18          |

| Sample Type | Method | Parent Sample | Analyte                     | %R/RPD    | Qualifier | Affected Samples     |
|-------------|--------|---------------|-----------------------------|-----------|-----------|----------------------|
| MS/MSD      | 8260D  | L2327188-18   | 4-Methyl-2-pentanone        | 69%/62%   | J/UJ      | L2327188-18          |
| MS/MSD      | 8260D  | L2327188-18   | 1,2,3-Trichloropropane      | 65%/66%   | J/UJ      | L2327188-18          |
| MS/MSD      | 8260D  | L2327188-18   | 2-Hexanone                  | 67%/57%   | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | Bromobenzene                | 57%       | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | n-butylbenzene              | 39%       | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | Sec-butylbenzene            | 49%       | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | Tert-butylbenzene           | 52%       | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | o-Chlorotoluene             | 51%       | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | p-Chlorotoluene             | 49%       | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | 1,2-Dibromo-3-chloropropane | 62%       | J/UJ      | L2327188-18          |
| MS/MSD      | 8260D  | L2327188-18   | Hexachlorobutadiene         | 27%/66%   | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | Isopropylbenzene            | 59%       | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | p-Isopropyltoluene          | 45%       | J/UJ      | L2327188-18          |
| MS/MSD      | 8260D  | L2327188-18   | Naphthalene                 | 39%/64%   | J/UJ      | L2327188-18          |
| MS/MSD      | 8260D  | L2327188-18   | Acrylonitrile               | RPD = 35  | J/None    | None, samples are ND |
| MS          | 8260D  | L2327188-18   | n-Propylbenzene             | 52%       | J/UJ      | L2327188-18          |
| MS/MSD      | 8260D  | L2327188-18   | 1,2,3-Trichlorobenzene      | 24%/63%   | J/UJ      | L2327188-18          |
| MS/MSD      | 8260D  | L2327188-18   | 1,2,4-Trichlorobenzene      | 23%/60%   | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | 1,3,5-Trimethylbenzene      | 50%       | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | 1,2,4-Trimethylbenzene      | 48%       | J/UJ      | L2327188-18          |
| MS/MSD      | 8260D  | L2327188-18   | 1,4-Dioxane                 | RPD = 53  | J/None    | None, samples are ND |
| MS          | 8260D  | L2327188-18   | p-Diethylbenzene            | 39%       | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | p-Ethyltoluene              | 52%       | J/UJ      | L2327188-18          |
| MS          | 8260D  | L2327188-18   | 1,2,4,5-Tetramethylbenzene  | 32%       | J/UJ      | L2327188-18          |
| MS/MSD      | 8260D  | L2327188-18   | Trans-1,4-dichloro-2-butene | 58%/57%   | J/UJ      | L2327188-18          |
| MS/MSD      | 6010D  | L2327188-18   | Aluminum                    | 406%/255% | J+/None   | All samples in SDG   |
| MS/MSD      | 6010D  | L2327188-18   | Iron                        | 0%/0%     | J-/R      | All samples in SDG   |

| Sample Type | Method | Parent Sample | Analyte   | %R/RPD    | Qualifier | Affected Samples   |
|-------------|--------|---------------|-----------|-----------|-----------|--------------------|
| MS/MSD      | 6010D  | L2327188-18   | Lead      | 129%/131% | J+/None   | All samples in SDG |
| MS          | 6010D  | L2327188-18   | Manganese | 224%      | J+/None   | All samples in SDG |

## 1.8 BLANK SAMPLE ANALYSIS

[Refer to section E 1.5.](#) Method blank samples had no detections, indicating that no contamination from laboratory activities occurred with the following exceptions:

| Blank Type   | Batch ID    | Analyte Detected in Blank | Concentration (µg/kg) | Qualifier | Affected Samples                                    |
|--------------|-------------|---------------------------|-----------------------|-----------|-----------------------------------------------------|
| Method Blank | WG1782734-5 | Bromomethane              | 0.87                  | NA        | None, samples are ND                                |
|              | WG1780599-1 | Antimony                  | 0.213                 | RL U      | L2327332-01, -07, -08                               |
|              | WG1780599-1 | Nickel                    | 0.122                 | NA        | None, samples >10x blank                            |
|              | WG1780599-1 | Sodium                    | 4.65                  | RL U      | L2327332-01-09                                      |
|              | WG1782253-1 | Antimony                  | 0.216                 | NA        | None, samples are ND                                |
|              | WG1782253-1 | Potassium                 | 6.24                  | NA        | None, samples >10x blank                            |
|              | WG1782253-1 | Sodium                    | 23.0                  | NA        | None, samples are ND                                |
|              | WG1779309-1 | Iron                      | 0.642                 | NA        | None, samples >10x blank                            |
|              | WG1779309-1 | Sodium                    | 1.8                   | RL U      | L2326867-12, -15                                    |
|              | WG1780093-5 | Naphthalene               | 1.6                   | RL U      | L2327188-30, -31, -33                               |
|              | WG1780093-5 | Naphthalene               | 1.6                   | J+        | L2327188-34                                         |
|              | WG1780134-5 | Bromomethane              | 2.0                   | NA        | None, samples are ND                                |
|              | WG1779543-1 | Phenanthrene              | 24                    | NA        | None, samples are ND                                |
|              | WG1779846-1 | Antimony                  | 0.166                 | RL U      | L2327188-19, -22, -24, -27, -28, -33, -34, -36, -37 |
|              | WG1780017-1 | Iron                      | 0.422                 | NA        | None, samples are >10x blank                        |

The analysis of the blank samples for field quality control was free of target compounds, with the following exceptions:

| Blank Type  | Date of Blank | Analyte Detected in Blank | Concentration (µg/L) | Qualifier | Affected Samples     |
|-------------|---------------|---------------------------|----------------------|-----------|----------------------|
| Field Blank | 5-15-23       | Acetone                   | 2.0                  | NA        | None, samples are ND |

## 1.9 DUPLICATE SAMPLE ANALYSIS

Refer to section E 1.6. The following sample(s) were used for laboratory duplicate analysis and the RPDs were all below 20 percent (or the absolute difference rule was satisfied if detects were less than 5 times the RL):

| Lab Sample Number | Laboratory Duplicate Sample Client ID | Method(s) |
|-------------------|---------------------------------------|-----------|
| L2326867-12       | SRI-03_14-16                          | SW6020B   |

The following sample(s) were used for field duplicate analysis. The RPD comparison for detections in either the parent or duplicate sample(s) is shown below. RPDs were all below 50 percent for soil (or the absolute difference rule was satisfied if detects were less than 5 times the RL).

| Primary Sample ID | Duplicate Sample ID | Method(s)           |
|-------------------|---------------------|---------------------|
| SRI-09_26-28      | DUP-01_05162023     | A, B, C, D, E, F, G |

## 1.10 PRECISION AND ACCURACY

Refer to section E 1.7. Where required by the method, some measurement of analytical accuracy and precision was reported for each method with the site samples.

## 1.11 CONFIRMATION COLUMN REVIEW

Refer to section E 1.8. All relative percent differences (RPD) were within control limits, with the following exceptions:

| Method     | Analyte                 | Sample      | RPD   | Action                       |
|------------|-------------------------|-------------|-------|------------------------------|
| USEPA 8081 | 4,4'-DDT                | L2327188-27 | > 40% | Qualify data estimated J/UJ. |
| USEPA 8081 | Gamma-Chlordane (trans) | L2327188-27 | > 40% | Qualify data estimated J/UJ. |
| USEPA 8081 | Gamma-Chlordane (trans) | L2327332-03 | > 40% | Qualify data estimated J/UJ. |
| USEPA 8081 | Methoxychlor            | L2327332-03 | > 40% | Qualify data estimated J/UJ. |
| USEPA 8081 | Alpha-Chlordane (cis)   | L2327332-03 | > 40% | Qualify data estimated J/UJ. |

## 1.12 PESTICIDE/POLYCHLORINATED BIPHENYLS CLEANUP PROCEDURE CHECKS

Refer to section E 1.10. Recoveries were reviewed and found to be within limits.

### 1.13 PFAS SAMPLE PREPARATION

[Refer to section E 1.14.](#) The laboratory's SOP was reviewed and the reviewer confirmed it is the laboratory's procedure to use solid phase extraction (SPE) for sample preparation.

### 1.14 PFAS IDENTIFICATION

[Refer to section E 1.15.](#) Ion ratios were reviewed and were within the limits of 50 to 150 percent with the following exceptions:

| Sample ID    | Analyte | Qualifier | Affected Samples |
|--------------|---------|-----------|------------------|
| SRI-10_26-28 | PFOS    | J/UJ      | L2327332-03      |

### 1.15 GAS CHROMATOGRAPH/MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECKS

[Refer to section E 1.17.](#) Ion abundance criteria were within the specified limits.

### 1.16 SYSTEM PERFORMANCE AND OVERALL ASSESSMENT

The results presented in this report were found to comply with the DQOs for the project and the guidelines specified by the analytical method. Based on the review of this report, the data are useable and acceptable as no data was rejected. A summary of qualifiers applied to this data set is shown in Table 1.



## **2. Precision and Accuracy [for SDG(s) above]**

[Refer to section E 1.7.](#) Where required by the method, some measurement of analytical accuracy and precision was reported for each method with the site samples.

### 3. Explanations

The following explanations include more detailed information regarding each of the sections in the DUSR above. Not all sections in the Explanations are represented:

- E 1.1 Reporting Basis (Wet/Dry)
  - Soil samples can be reported on either a wet (as received) or dry weight basis. Dry weight data indicate calculations were made to compensate for the moisture content of the soil sample.
  - Percent (%) solids should be appropriately considered when evaluating analytical results for non-aqueous samples. Sediments with high moisture content may or may not be successfully analyzed by routine analytical methods. Samples should have greater than or equal to 30 percent solids to be appropriately quantified.
- E 1.2 Surrogate Recovery Compliance
  - Surrogates, also known as system monitoring compounds, are compounds added to each sample prior to sample preparation to determine the efficiency of the extraction procedure by evaluating the percent recovery (%R) of the compounds.
- E 1.3 Laboratory Control Samples
  - The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analyses are used to assess the precision and accuracy of the analytical method independent of matrix interferences.
- E 1.4 Matrix Spike Samples
  - Matrix spike/matrix spike duplicate (MS/MSD) data are used to assess the precision and accuracy of the analytical method and evaluate the effects of the sample matrix on the sample preparation procedures and measurement methodologies.
  - For inorganic methods, when a matrix spike recovery falls outside of the control limits and the sample result is less than four times the spike added, a post digestion spike (PDS) is performed.
- E 1.5 Blank Sample Analysis
  - Method blanks are prepared by the analytical laboratory and analyzed concurrently with the project samples to assess possible laboratory contamination.
  - Field blanks are prepared to identify contamination that may have been introduced during field activity. Equipment blanks are prepared to identify contamination that may have been introduced while decontaminating sampling equipment. Trip blanks are prepared when volatile analysis is requested to identify contamination that may have been introduced during transport.
- E 1.6 Laboratory and Field Duplicate Sample Analysis
  - The laboratory duplicate sample analysis is used by the laboratory at the time of the analysis to demonstrate acceptable method precision. The RPD or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.

- The field duplicate sample analysis is used to assess the precision of the field sampling procedures and analytical method. The relative percent difference (RPD) or absolute difference was evaluated for each duplicate sample pair to monitor the reproducibility of the data.
- E 1.7 Precision and Accuracy
  - Precision measures the reproducibility of repetitive measurements. In a laboratory environment, this will be measured by determining the relative percent difference (RPD) found between a primary and a duplicate sample. This can be an LCS/LCSD pair, a MS/MSD pair, a laboratory duplicate performed on a site sample, or a field duplicate collected and analyzed concurrently with a site sample.
  - Accuracy is a statistical measurement of the correctness of a measured value and includes components of random error (variability caused by imprecision) and systematic error. In a laboratory environment, this will be measured by determining the percent recovery (%R) of certain spiked compounds. This can be assessed using LCS, blank spike (BS), MS, and/or surrogate recoveries.
- E 1.8 Confirmation Column Review
  - When analyzing for pesticides and polychlorinated biphenyls (PCB), compound identification based on single-column analysis should be confirmed on a second column or supported by at least one other qualitative technique. When confirmed on a second column, the relative percent difference (RPD) should not exceed 40 percent.
- E 1.9 Dioxin/Furan Estimated Maximum Possible Concentration
  - An Estimated Maximum Possible Concentration (EMPC) is a worst-case estimate of the concentration for a dioxin/furan based on all identification criteria being met except the ion abundance ratio criteria, or if a peak representing a chlorinated diphenyl ether was detected.
- E 1.10 Pesticide/Polychlorinated Biphenyls Cleanup Procedure Checks
  - Analyzing for pesticides or PCBs often requires cleanup procedures be performed on the samples. Florisil cartridges use polarity to isolate pesticides and PCBs from the sample matrix. The performance of each lot of cartridges must be evaluated every 6 months. The performance check solution must contain 2,4,5-Trichlorophenol and the mid-point concentration of INDA or INDC. The %R for the target analytes and surrogates must be between 80 and 120 percent and less than 5 percent for 2,4,5-Trichlorophenol.
  - Gel Permeation Chromatography (GPC) cleanup is used for the cleanup of non-aqueous sample extracts and for aqueous sample extracts that contain high molecular weight components that interfere with the analysis of the target analytes. The retention time (RT) shift for bis(2-ethylhexyl) phthalate and perylene must be less than 5 percent and the %R for each target analytes in the GPC calibration verification must be within 80 to 120 percent.
  - Pesticide/Aroclor sulfur cleanup procedures remove elemental sulfur from sample extracts prior to analysis. If not removed, sulfur may cause a rise in the chromatographic baseline, preventing accurate analyte identification and quantitation.
- E 1.11 Pesticide Gas Chromatograph Performance Check

- Analyzing for pesticides on a Gas Chromatograph (GC)/Electron Capture Detector instrument requires performance checks to ensure adequate resolution and instrument sensitivity. Two performance checks are required: the resolution check mixture and the performance evaluation mixture.
    - The resolution check mixture (RESC) is analyzed at the beginning of every initial calibration sequence on each GC column. If Individual Standard Mixture C (INDC) is used, the resolution between two adjacent peaks must be greater than or equal to 80 percent for all analytes on the primary column and greater than or equal to 50 percent for the confirmation column. If Individual Standard Mixture A and B (INDA/INDB) are used, the resolution must be greater than or equal to 60 percent.
    - The performance evaluation mixture (PEM) is analyzed at the beginning and at the end of the ICAL sequence. The resolution between any two adjacent peaks must be:
      - greater than or equal to 90 percent on each GC column when using INDA/INDB
      - greater than or equal to 80 percent for the primary and greater than or equal to 50 percent for the secondary column when using INDC
    - The percent breakdown is the amount of decomposition that 4,4-DDT and Endrin undergo when analyzed on the GC column and cannot exceed 20 percent individually or 30 percent combined.
- E. 1.12 Leak Check Compound Analysis
  - Helium is commonly used as a gaseous leak check indicator compound. If a shroud is used and the helium concentration in the sample is greater than or equal to 5 percent of the helium concentration in the shroud (usually 1.5 percent) qualify detects “J” and non-detects “UJ.”
  - Isopropyl alcohol (IPA) is commonly used as a liquid leak check indicator compound. If the IPA concentration is greater than or equal to 10 times the reporting limit (RL) for the target analyte(s), then corrective action is necessary. The RL for trichloroethene for the least diluted sample is used as the "target analyte RL."
- E 1.13 QLC/MS/MS Tune Check
  - Analysis of Per- and Polyfluoroalkyl Substances (PFAS) requires a tune check for the mass calibration. Mass calibration range must bracket the ion masses of interest.
- E 1.14 PFAS Sample Preparation
  - Analysis of PFAS requires specific sample preparation. Aqueous samples must be prepared using Solid Phase Extraction (SPE), unless samples are known to contain high PFAS concentrations or the samples are injected directly into the LC/MS/MS instrument. Samples with greater than 1 percent solids may require centrifugation prior to SPE. The entire sample plus bottle rinsate must be extracted using SPE. If high PFAS concentrations are known, the samples may alternately be prepared using serial dilution performed in duplicate. If prepared by serial dilution, there must be documented project approval for this deviation.
- E 1.15 PFAS Identification

- Identification of PFAS requires dual confirmation. The chemical derivation of the ion transitions must be documented. A minimum of two ion transitions per analyte are required (except for PFBA and PFPeA). Ratios of the quantitation ion to the confirmation ion should be calculated for samples and be within 50 to 150 percent of the ratios of the quantitation ion to the confirmation ion for standards.
  - Identification of PFAS also requires the proper assessment of branched and linear peaks. Standards for both isomers are not currently available for every PFAS compound, resulting in the common error of quantifying the area of only the branched or the linear isomers, which results in erroneous concentrations.
- E 1.16 Extraction Internal Standards
  - Analysis of PFAS by isotope dilution includes the use of extracted internal standards, which are stable isotope analogs of the PFAS compounds of interest added to each sample prior to extraction of the sample matrix. Matrix interferences that affect the quantification of the internal standard will affect the calculated target compound concentrations.

## 4. Glossary

Not all of the following symbols, acronyms, or qualifiers occur in this document.

- Sample Types:
  - EB Equipment Blank Sample
  - FB Field Blank Sample
  - FD Field Duplicate Sample
  - N Primary Sample
  - TB Trip Blank Sample
- Units:
  - $\mu\text{g/kg}$  microgram per kilogram
  - $\mu\text{g/L}$  microgram per liter
  - $\mu\text{g/m}^3$  microgram per cubic meter
  - $\text{mg/kg}$  milligram per kilogram
  - $\text{mg/L}$  milligram per liter
  - $\text{ppb v/v}$  parts per billion volume/volume
  - $\text{pCi/L}$  picocuries per liter
  - $\text{pg/g}$  picograms per gram
- Matrices:
  - AA Ambient Air
  - GS Soil Gas
  - GW/WG Groundwater
  - QW Water Quality
  - IA Indoor Air
  - SE Sediment
  - SO Soil
  - SSV Sub-slab Vapor
  - WQ Water Quality control matrix
  - WS Surface Water
- Table Footnotes:
  - NA Not applicable
  - ND Non-detect
  - NR Not reported
- Common Symbols:
  - % percent
  - < less than
  - $\leq$  less than or equal to
  - > greater than
  - $\geq$  greater than or equal to
  - = equal
  - $^{\circ}\text{C}$  degrees Celsius
  - $\pm$  plus or minus
  - $\sim$  approximately
  - x times (multiplier)

## 5. Abbreviations

|                |                                                               |                 |                                                         |
|----------------|---------------------------------------------------------------|-----------------|---------------------------------------------------------|
| %D             | Percent Difference                                            | NA              | not applicable                                          |
| %R             | Percent Recovery                                              | ND              | Non-Detect                                              |
| %RSD           | Percent Relative Standard Deviation                           | NFG             | National Functional Guidelines                          |
| %v/v           | Percent volume by volume                                      | NH <sub>3</sub> | Ammonia                                                 |
| 2s             | 2 sigma                                                       | NYSDEC          | New York State Department of Environmental Conservation |
| 4,4-DDT        | 4 4-dichlorodiphenyltrichloroethane                           | PAH             | polycyclic aromatic hydrocarbon                         |
| Abs Diff       | Absolute Difference                                           | PCB             | Polychlorinated Biphenyl                                |
| amu            | atomic mass unit                                              | PDS             | Post Digestion Spike                                    |
| BPJ            | Best Professional Judgement                                   | PEM             | Performance Evaluation Mixture                          |
| BS             | Blank Spike                                                   | PFAS            | Per- and Polyfluoroalkyl Substances                     |
| CCB            | Continuing Calibration Blank                                  | PFBA            | Perfluorobutanoic Acid                                  |
| CCV            | Continuing Calibration Verification                           | PFD             | Perfluorodecalin                                        |
| CCVL           | Continuing Calibration Verification Low                       | PFOA            | Perfluorooctanoic Acid                                  |
| COC            | Chain of Custody                                              | PFOS            | Perfluorooctane sulfonate                               |
| COM            | Combined Isotope Calculation                                  | PFPeA           | Perfluoropentanoic Acid                                 |
| Cr (VI)        | Hexavalent Chromium                                           | QAPP            | Quality Assurance Project Plan                          |
| CRI            | Collision Reaction Interface                                  | QC              | Quality Control                                         |
| DoD            | Department of Defense                                         | QSM             | Quality Systems Manual                                  |
| DQO            | data quality objective                                        | R <sup>2</sup>  | R-squared value                                         |
| DUSR           | Data Usability Summary Report                                 | Ra-226          | Radium-226                                              |
| EMPC           | Estimated Maximum Possible Concentration                      | Ra-228          | Radium-228                                              |
| FBK            | Field Blank Contamination                                     | RESC            | Resolution Check Measure                                |
| FDP            | Field Duplicate                                               | RL              | Laboratory Reporting Limit                              |
| GC             | Gas Chromatograph                                             | RPD             | Relative Percent Difference                             |
| GC/MS          | Gas Chromatography/Mass Spectrometry                          | RRF             | Relative Response Factors                               |
| GPC            | Gel Permeation Chromatography                                 | RT              | Retention Time                                          |
| H <sub>2</sub> | Hydrogen gas                                                  | SAP             | sampling analysis plan                                  |
| HCl            | Hydrochloric Acid                                             | SDG             | Sample Delivery Group                                   |
| ICAL           | Initial Calibration                                           | SIM             | Selected ion monitoring                                 |
| ICB            | Initial Calibration Blank                                     | SOP             | Laboratory Standard Operating Procedures                |
| ICP/MS         | Inductively Coupled Plasma/ Mass Spectrometry                 | SPE             | Solid Phase Extraction                                  |
| ICV            | Initial Calibration Verification                              | SVOC            | Semi-Volatile Organic Compounds                         |
| ICVL           | Initial Calibration Verification Low                          | TCLP            | Toxicity Characteristic Leaching Procedure              |
| IPA            | Isopropyl Alcohol                                             | TIC             | Tentatively Identified Compound                         |
| LC             | Laboratory Control                                            | TKN             | Total Kjeldahl Nitrogen                                 |
| LCS/LCSD       | Laboratory Control Sample/Laboratory Control Sample Duplicate | TPH             | Total Petroleum Hydrocarbon                             |
| MBK            | Method Blank Contamination                                    | TPU             | Total Propagated Uncertainty                            |
| MDC            | Minimum Detectable Concentration                              | amu             | atomic mass unit                                        |
| MDL            | Laboratory Method Detection Limit                             | USEPA           | U.S. Environmental Protection Agency                    |
| MS/MSD         | Matrix Spike/Matrix Spike Duplicate                           | VOC             | Volatile Organic Compounds                              |
|                |                                                               | WP              | Work Plan                                               |

## 6. Qualifiers

The qualifiers below are from the USEPA National Functional Guidelines and the data in the DUSR may contain these qualifiers:

- Concentration (C) Qualifiers:
  - U      The compound was analyzed for but not detected. The associated value is either the compound quantitation limit if not detected by the analytical instrument or could be the reported or blank concentration if qualified by blank contamination. This can also be displayed as less than the associated compound quantitation limit (<RL or <MDL), or “ND”.
  - B      The compound was found in the sample and its associated blank. Its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers:
  - E      The compound was quantitated above the calibration range.
  - D      The concentration is based on a diluted sample analysis.
- Validation Qualifiers:
  - J      The compound was positively identified; however, the associated numerical value is an estimated concentration only.
  - J+     The result is an estimated quantity, but the result may be biased high.
  - J-     The result is an estimated quantity, but the result may be biased low.
  - J/UJ   as listed in exception tables J applies to detected data and UJ applies to non-detected data as reported by the laboratory.
  - UJ     The compound was not detected above the reported sample quantitation limit; however, the reported limit is estimated and may or may not represent the actual limit of quantitation.
  - NJ     The analysis indicated the presence of a compound for which there is presumptive evidence to make a tentative identification; the associated numerical value is an estimated concentration only.
  - R      The sample results were rejected as unusable; the compound may or may not be present in the sample.
  - S      Result is suspect. See DUSR for details.



## References

1. United States Environmental Protection Agency, 2020a. National Functional Guidelines for Inorganic Superfund Methods Data Review. EPA-542-R-20-006. November 2020.
2. United States Environmental Protection Agency, 2020b. National Functional Guidelines for Organic Superfund Methods Data Review. EPA-540-R-20-005. November 2020.

**TABLE 1**  
**SYSTEM PERFORMANCE SUMMARY**  
 828 METROPOLITAN AVENUE  
 BROOKLYN, NEW YORK

| SDG      | Method  | Basis | Sample ID               | Lab ID      | Analyte                                       | Fraction | Reportable Result | Reported Result | Validated Result | Reason for Qualifier |
|----------|---------|-------|-------------------------|-------------|-----------------------------------------------|----------|-------------------|-----------------|------------------|----------------------|
| L2327332 | E1633   | NA    | SR1-10_26-28            | L2327332-03 | Perfluorooctanesulfonic acid (PFOS)           | N        | Yes               | 0.098 J         | 0.098 J          | ION                  |
| L2326867 | SW8270E | NA    | FIELD BLANK-05-20230515 | L2326867-24 | 4-Chloroaniline                               | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-10_14-16            | L2327332-01 | 4-Chloroaniline                               | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-10_14-16            | L2327332-01 | Hexachlorocyclopentadiene                     | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-10_20-22            | L2327332-02 | 4-Chloroaniline                               | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-10_20-22            | L2327332-02 | Hexachlorocyclopentadiene                     | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-10_26-28            | L2327332-03 | 4-Chloroaniline                               | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-10_26-28            | L2327332-03 | Hexachlorocyclopentadiene                     | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-11_14-16            | L2327332-04 | 4-Chloroaniline                               | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-11_14-16            | L2327332-04 | Hexachlorocyclopentadiene                     | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-11_20-22            | L2327332-05 | 4-Chloroaniline                               | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-11_20-22            | L2327332-05 | Hexachlorocyclopentadiene                     | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-11_26-28            | L2327332-06 | 4-Chloroaniline                               | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-11_26-28            | L2327332-06 | Hexachlorocyclopentadiene                     | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-12_14-16            | L2327332-07 | 4-Chloroaniline                               | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-12_14-16            | L2327332-07 | Hexachlorocyclopentadiene                     | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-12_20-22            | L2327332-08 | 4-Chloroaniline                               | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-12_20-22            | L2327332-08 | Hexachlorocyclopentadiene                     | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-12_26-28            | L2327332-09 | 4-Chloroaniline                               | N        | No                | U               | R                | LCS                  |
| L2327332 | SW8270E | NA    | SR1-12_26-28            | L2327332-09 | Hexachlorocyclopentadiene                     | N        | No                | U               | R                | LCS                  |
| L2327188 | SW8260D | NA    | SRI-01_20-22            | L2327188-19 | 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone) | N        | Yes               | U               | UJ               | LCS                  |
| L2327188 | SW8260D | NA    | SRI-02_14-16            | L2327188-21 | 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone) | N        | Yes               | U               | UJ               | LCS                  |
| L2327188 | SW8260D | NA    | SRI-02_20-22            | L2327188-22 | 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone) | N        | Yes               | U               | UJ               | LCS                  |
| L2327188 | SW8260D | NA    | SRI-02_26-28            | L2327188-39 | 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone) | N        | Yes               | U               | UJ               | LCS                  |
| L2327188 | SW8260D | NA    | SRI-02_26-28            | L2327188-39 | Acetone                                       | N        | Yes               | 8.6 J           | 8.6 J            | LCS                  |
| L2326867 | SW8270E | NA    | SRI-03_14-16            | L2326867-12 | 4-Chloroaniline                               | N        | No                | U               | R                | LCS                  |
| L2326867 | SW8270E | NA    | SRI-04_14-16            | L2326867-15 | 4-Chloroaniline                               | N        | No                | U               | R                | LCS                  |
| L2326867 | SW8270E | NA    | SRI-04_20-22            | L2326867-16 | 4-Chloroaniline                               | N        | No                | U               | R                | LCS                  |
| L2327188 | SW8260D | NA    | SRI-05_14-16            | L2327188-27 | 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone) | N        | Yes               | U               | UJ               | LCS                  |
| L2327188 | SW8260D | NA    | SRI-05_20-22            | L2327188-28 | 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone) | N        | Yes               | U               | UJ               | LCS                  |
| L2327188 | SW8260D | NA    | SRI-06_14-16            | L2327188-24 | 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone) | N        | Yes               | U               | UJ               | LCS                  |
| L2327188 | SW8260D | NA    | SRI-06_20-22            | L2327188-25 | 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone) | N        | Yes               | U               | UJ               | LCS                  |
| L2327188 | SW8260D | NA    | TRIP BLANK-20230516     | L2327188-40 | Ethyl Ether                                   | N        | Yes               | U               | UJ               | LCS                  |
| L2327332 | SW8260D | NA    | TRIP BLANK-20230517     | L2327332-10 | trans-1,4-Dichloro-2-butene                   | N        | No                | U               | R                | LCS                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16            | L2327188-18 | 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone) | N        | Yes               | U               | UJ               | LCS, MSD             |
| L2327332 | SW6010D | NA    | SR1-10_14-16            | L2327332-01 | Antimony                                      | N        | Yes               | 0.316 J         | 4.03 U           | MBK                  |
| L2327332 | SW6010D | NA    | SR1-10_14-16            | L2327332-01 | Sodium                                        | N        | Yes               | 66.9 J          | 161.0 U          | MBK                  |
| L2327332 | SW6010D | NA    | SR1-10_20-22            | L2327332-02 | Sodium                                        | N        | Yes               | 80.8 J          | 159.0 U          | MBK                  |
| L2327332 | SW6010D | NA    | SR1-10_26-28            | L2327332-03 | Sodium                                        | N        | Yes               | 87.4 J          | 172.0 U          | MBK                  |
| L2327332 | SW6010D | NA    | SR1-11_14-16            | L2327332-04 | Sodium                                        | N        | Yes               | 77.5 J          | 165.0 U          | MBK                  |
| L2327332 | SW6010D | NA    | SR1-11_20-22            | L2327332-05 | Sodium                                        | N        | Yes               | 44.6 J          | 163.0 U          | MBK                  |
| L2327332 | SW6010D | NA    | SR1-11_26-28            | L2327332-06 | Sodium                                        | N        | Yes               | 51.6 J          | 168.0 U          | MBK                  |
| L2327332 | SW6010D | NA    | SR1-12_14-16            | L2327332-07 | Antimony                                      | N        | Yes               | 0.55 J          | 5.06 U           | MBK                  |
| L2327332 | SW6010D | NA    | SR1-12_14-16            | L2327332-07 | Sodium                                        | N        | Yes               | 83.4 J          | 202.0 U          | MBK                  |
| L2327332 | SW6010D | NA    | SR1-12_20-22            | L2327332-08 | Antimony                                      | N        | Yes               | 0.508 J         | 5.0 U            | MBK                  |
| L2327332 | SW6010D | NA    | SR1-12_20-22            | L2327332-08 | Sodium                                        | N        | Yes               | 45.1 J          | 200.0 U          | MBK                  |
| L2327332 | SW6010D | NA    | SR1-12_26-28            | L2327332-09 | Sodium                                        | N        | Yes               | 68.9 J          | 173.0 U          | MBK                  |
| L2327188 | SW6010D | NA    | SRI-01_20-22            | L2327188-19 | Antimony                                      | N        | Yes               | 0.438 J         | 0.438 U          | MBK                  |
| L2327188 | SW6010D | NA    | SRI-02_20-22            | L2327188-22 | Antimony                                      | N        | Yes               | 0.429 J         | 0.429 U          | MBK                  |

**TABLE 1**  
**SYSTEM PERFORMANCE SUMMARY**  
 828 METROPOLITAN AVENUE  
 BROOKLYN, NEW YORK

| SDG      | Method  | Basis | Sample ID    | Lab ID      | Analyte                            | Fraction | Reportable Result | Reported Result | Validated Result | Reason for Qualifier |
|----------|---------|-------|--------------|-------------|------------------------------------|----------|-------------------|-----------------|------------------|----------------------|
| L2326867 | SW6010D | NA    | SRI-03_14-16 | L2326867-12 | Sodium                             | N        | Yes               | 153 J           | 166.0 U          | MBK                  |
| L2326867 | SW6010D | NA    | SRI-04_14-16 | L2326867-15 | Sodium                             | N        | Yes               | 129 J           | 170.0 U          | MBK                  |
| L2327188 | SW6010D | NA    | SRI-05_14-16 | L2327188-27 | Antimony                           | N        | Yes               | 0.781 J         | 0.781 U          | MBK                  |
| L2327188 | SW6010D | NA    | SRI-05_20-22 | L2327188-28 | Antimony                           | N        | Yes               | 0.792 J         | 0.792 U          | MBK                  |
| L2327188 | SW6010D | NA    | SRI-06_14-16 | L2327188-24 | Antimony                           | N        | Yes               | 0.665 J         | 0.665 U          | MBK                  |
| L2327188 | SW8260D | NA    | SRI-07_14-16 | L2327188-30 | Naphthalene                        | N        | Yes               | 1.4 J           | 4.8 U            | MBK                  |
| L2327188 | SW8260D | NA    | SRI-07_20-22 | L2327188-31 | Naphthalene                        | N        | Yes               | 0.83 J          | 3.2 U            | MBK                  |
| L2327188 | SW6010D | NA    | SRI-08_14-16 | L2327188-33 | Antimony                           | N        | Yes               | 0.396 J         | 0.396 U          | MBK                  |
| L2327188 | SW8260D | NA    | SRI-08_14-16 | L2327188-33 | Naphthalene                        | N        | Yes               | 2.6 J           | 3.8 U            | MBK                  |
| L2327188 | SW6010D | NA    | SRI-08_20-22 | L2327188-34 | Antimony                           | N        | Yes               | 0.515 J         | 0.515 U          | MBK                  |
| L2327188 | SW8260D | NA    | SRI-08_20-22 | L2327188-34 | Naphthalene                        | N        | Yes               | 13              | 13 J+            | MBK                  |
| L2327188 | SW6010D | NA    | SRI-09_14-16 | L2327188-36 | Antimony                           | N        | Yes               | 0.589 J         | 0.589 U          | MBK                  |
| L2327188 | SW6010D | NA    | SRI-09_20-22 | L2327188-37 | Antimony                           | N        | Yes               | 0.614 J         | 0.614 U          | MBK                  |
| L2327188 | SW6010D | NA    | SRI-01_14-16 | L2327188-18 | Aluminum                           | N        | Yes               | 3210            | 3210 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-01_14-16 | L2327188-18 | Iron                               | N        | Yes               | 6110            | 6110 J-          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-01_14-16 | L2327188-18 | Lead                               | N        | Yes               | 2.5 J           | 2.5 J+           | MSD                  |
| L2327188 | SW6010D | NA    | SRI-01_14-16 | L2327188-18 | Manganese                          | N        | Yes               | 277             | 277 J+           | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | 1,1,2,2-Tetrachloroethane          | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | 1,2,3-Trichlorobenzene             | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | 1,2,3-Trichloropropane             | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | 1,2,4,5-Tetramethylbenzene         | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | 1,2,4-Trichlorobenzene             | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | 1,2,4-Trimethylbenzene             | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | 1,2-Dibromo-3-chloropropane (DBCP) | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | 1,2-Dichlorobenzene                | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | 1,3,5-Trimethylbenzene             | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | 1,3-Dichlorobenzene                | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | 1,4-Dichlorobenzene                | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | 2-Butanone (Methyl Ethyl Ketone)   | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | 2-Hexanone (Methyl Butyl Ketone)   | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | 2-Phenylbutane (sec-Butylbenzene)  | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | Acetone                            | N        | Yes               | 5.1 J           | 5.1 J            | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | Bromobenzene                       | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | Chlorobenzene                      | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | Cymene (p-Isopropyltoluene)        | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | Ethylbenzene                       | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | Hexachlorobutadiene                | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | Isopropylbenzene (Cumene)          | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | Naphthalene                        | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | Styrene                            | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | Vinyl acetate                      | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | m,p-Xylenes                        | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | n-Butylbenzene                     | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | n-Propylbenzene                    | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | o-Xylene                           | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | tert-Butylbenzene                  | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW8260D | NA    | SRI-01_14-16 | L2327188-18 | trans-1,4-Dichloro-2-butene        | N        | Yes               | U               | UJ               | MSD                  |
| L2327188 | SW6010D | NA    | SRI-01_20-22 | L2327188-19 | Aluminum                           | N        | Yes               | 4810            | 4810 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-01_20-22 | L2327188-19 | Iron                               | N        | Yes               | 8850            | 8850 J-          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-01_20-22 | L2327188-19 | Lead                               | N        | Yes               | 4.58            | 4.58 J+          | MSD                  |

**TABLE 1**  
**SYSTEM PERFORMANCE SUMMARY**  
 828 METROPOLITAN AVENUE  
 BROOKLYN, NEW YORK

| SDG      | Method  | Basis | Sample ID    | Lab ID      | Analyte   | Fraction | Reportable Result | Reported Result | Validated Result | Reason for Qualifier |
|----------|---------|-------|--------------|-------------|-----------|----------|-------------------|-----------------|------------------|----------------------|
| L2327188 | SW6010D | NA    | SRI-01_20-22 | L2327188-19 | Manganese | N        | Yes               | 290             | 290 J+           | MSD                  |
| L2327188 | SW6010D | NA    | SRI-02_14-16 | L2327188-21 | Aluminum  | N        | Yes               | 1300            | 1300 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-02_14-16 | L2327188-21 | Iron      | N        | Yes               | 10900           | 10900 J-         | MSD                  |
| L2327188 | SW6010D | NA    | SRI-02_14-16 | L2327188-21 | Lead      | N        | Yes               | 4.63 J          | 4.63 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-02_14-16 | L2327188-21 | Manganese | N        | Yes               | 778             | 778 J+           | MSD                  |
| L2327188 | SW6010D | NA    | SRI-02_20-22 | L2327188-22 | Aluminum  | N        | Yes               | 4210            | 4210 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-02_20-22 | L2327188-22 | Iron      | N        | Yes               | 14100           | 14100 J-         | MSD                  |
| L2327188 | SW6010D | NA    | SRI-02_20-22 | L2327188-22 | Lead      | N        | Yes               | 10.7            | 10.7 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-02_20-22 | L2327188-22 | Manganese | N        | Yes               | 155             | 155 J+           | MSD                  |
| L2327188 | SW6010D | NA    | SRI-02_26-28 | L2327188-39 | Aluminum  | N        | Yes               | 7210            | 7210 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-02_26-28 | L2327188-39 | Iron      | N        | Yes               | 18600           | 18600 J-         | MSD                  |
| L2327188 | SW6010D | NA    | SRI-02_26-28 | L2327188-39 | Lead      | N        | Yes               | 12.3            | 12.3 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-02_26-28 | L2327188-39 | Manganese | N        | Yes               | 284             | 284 J+           | MSD                  |
| L2327188 | SW6010D | NA    | SRI-05_14-16 | L2327188-27 | Aluminum  | N        | Yes               | 8720            | 8720 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-05_14-16 | L2327188-27 | Iron      | N        | Yes               | 17500           | 17500 J-         | MSD                  |
| L2327188 | SW6010D | NA    | SRI-05_14-16 | L2327188-27 | Lead      | N        | Yes               | 105             | 105 J+           | MSD                  |
| L2327188 | SW6010D | NA    | SRI-05_14-16 | L2327188-27 | Manganese | N        | Yes               | 324             | 324 J+           | MSD                  |
| L2327188 | SW6010D | NA    | SRI-05_20-22 | L2327188-28 | Aluminum  | N        | Yes               | 5870            | 5870 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-05_20-22 | L2327188-28 | Iron      | N        | Yes               | 20900           | 20900 J-         | MSD                  |
| L2327188 | SW6010D | NA    | SRI-05_20-22 | L2327188-28 | Lead      | N        | Yes               | 34.8            | 34.8 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-05_20-22 | L2327188-28 | Manganese | N        | Yes               | 358             | 358 J+           | MSD                  |
| L2327188 | SW6010D | NA    | SRI-06_14-16 | L2327188-24 | Aluminum  | N        | Yes               | 3710            | 3710 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-06_14-16 | L2327188-24 | Iron      | N        | Yes               | 14600           | 14600 J-         | MSD                  |
| L2327188 | SW6010D | NA    | SRI-06_14-16 | L2327188-24 | Lead      | N        | Yes               | 2.92 J          | 2.92 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-06_14-16 | L2327188-24 | Manganese | N        | Yes               | 261             | 261 J+           | MSD                  |
| L2327188 | SW6010D | NA    | SRI-06_20-22 | L2327188-25 | Aluminum  | N        | Yes               | 8470            | 8470 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-06_20-22 | L2327188-25 | Iron      | N        | Yes               | 14100           | 14100 J-         | MSD                  |
| L2327188 | SW6010D | NA    | SRI-06_20-22 | L2327188-25 | Lead      | N        | Yes               | 4.72            | 4.72 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-06_20-22 | L2327188-25 | Manganese | N        | Yes               | 124             | 124 J+           | MSD                  |
| L2327188 | SW6010D | NA    | SRI-07_14-16 | L2327188-30 | Aluminum  | N        | Yes               | 4600            | 4600 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-07_14-16 | L2327188-30 | Iron      | N        | Yes               | 14600           | 14600 J-         | MSD                  |
| L2327188 | SW6010D | NA    | SRI-07_14-16 | L2327188-30 | Lead      | N        | Yes               | 3.14 J          | 3.14 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-07_14-16 | L2327188-30 | Manganese | N        | Yes               | 1020            | 1020 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-07_20-22 | L2327188-31 | Aluminum  | N        | Yes               | 3820            | 3820 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-07_20-22 | L2327188-31 | Iron      | N        | Yes               | 16600           | 16600 J-         | MSD                  |
| L2327188 | SW6010D | NA    | SRI-07_20-22 | L2327188-31 | Lead      | N        | Yes               | 5.74            | 5.74 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-07_20-22 | L2327188-31 | Manganese | N        | Yes               | 236             | 236 J+           | MSD                  |
| L2327188 | SW6010D | NA    | SRI-08_14-16 | L2327188-33 | Aluminum  | N        | Yes               | 7550            | 7550 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-08_14-16 | L2327188-33 | Iron      | N        | Yes               | 23200           | 23200 J-         | MSD                  |
| L2327188 | SW6010D | NA    | SRI-08_14-16 | L2327188-33 | Lead      | N        | Yes               | 5.08            | 5.08 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-08_14-16 | L2327188-33 | Manganese | N        | Yes               | 360             | 360 J+           | MSD                  |
| L2327188 | SW6010D | NA    | SRI-08_20-22 | L2327188-34 | Aluminum  | N        | Yes               | 5920            | 5920 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-08_20-22 | L2327188-34 | Iron      | N        | Yes               | 21700           | 21700 J-         | MSD                  |
| L2327188 | SW6010D | NA    | SRI-08_20-22 | L2327188-34 | Lead      | N        | Yes               | 8.71            | 8.71 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-08_20-22 | L2327188-34 | Manganese | N        | Yes               | 394             | 394 J+           | MSD                  |
| L2327188 | SW6010D | NA    | SRI-09_14-16 | L2327188-36 | Aluminum  | N        | Yes               | 9030            | 9030 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-09_14-16 | L2327188-36 | Iron      | N        | Yes               | 22600           | 22600 J-         | MSD                  |
| L2327188 | SW6010D | NA    | SRI-09_14-16 | L2327188-36 | Lead      | N        | Yes               | 5.15            | 5.15 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-09_14-16 | L2327188-36 | Manganese | N        | Yes               | 432             | 432 J+           | MSD                  |
| L2327188 | SW6010D | NA    | SRI-09_20-22 | L2327188-37 | Aluminum  | N        | Yes               | 5280            | 5280 J+          | MSD                  |

**TABLE 1**  
**SYSTEM PERFORMANCE SUMMARY**  
 828 METROPOLITAN AVENUE  
 BROOKLYN, NEW YORK

| SDG      | Method  | Basis | Sample ID    | Lab ID      | Analyte                       | Fraction | Reportable Result | Reported Result | Validated Result | Reason for Qualifier |
|----------|---------|-------|--------------|-------------|-------------------------------|----------|-------------------|-----------------|------------------|----------------------|
| L2327188 | SW6010D | NA    | SRI-09_20-22 | L2327188-37 | Iron                          | N        | Yes               | 20800           | 20800 J-         | MSD                  |
| L2327188 | SW6010D | NA    | SRI-09_20-22 | L2327188-37 | Lead                          | N        | Yes               | 9.06            | 9.06 J+          | MSD                  |
| L2327188 | SW6010D | NA    | SRI-09_20-22 | L2327188-37 | Manganese                     | N        | Yes               | 369             | 369 J+           | MSD                  |
| L2327332 | SW8081B | NA    | SR1-10_26-28 | L2327332-03 | Methoxychlor                  | N        | Yes               | 1.08 J          | 1.08 J           | RPD                  |
| L2327332 | SW8081B | NA    | SR1-10_26-28 | L2327332-03 | alpha-Chlordane (cis)         | N        | Yes               | 1.86 J          | 1.86 J           | RPD                  |
| L2327332 | SW8081B | NA    | SR1-10_26-28 | L2327332-03 | gamma-Chlordane (trans)       | N        | Yes               | 4.25            | 4.25 J           | RPD                  |
| L2327188 | SW8081B | NA    | SRI-05_14-16 | L2327188-27 | 4,4'-DDT                      | N        | Yes               | 1.55 J          | 1.55 J           | RPD                  |
| L2327188 | SW8081B | NA    | SRI-05_14-16 | L2327188-27 | gamma-Chlordane (trans)       | N        | Yes               | 1.36 J          | 1.36 J           | RPD                  |
| L2327332 | SW8260D | NA    | SR1-12_20-22 | L2327332-08 | Chloroform (Trichloromethane) | N        | Yes               | 0.79 J          | 0.79 J+          | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | 1,2-Dichlorobenzene           | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | 1,3-Dichlorobenzene           | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | 1,4-Dichlorobenzene           | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | 2,4-Dimethylphenol            | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | 2-Chlorophenol                | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | 2-Methylphenol (o-Cresol)     | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | 2-Nitrophenol                 | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | 3&4-Methylphenol              | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | Acetophenone                  | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | Benzyl Alcohol                | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | Hexachloroethane              | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | Isophorone                    | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | N-Nitrosodi-n-propylamine     | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | Phenol                        | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | bis(2-Chloroethoxy)methane    | N        | Yes               | U               | UJ               | SUR                  |
| L2327188 | SW8270E | NA    | SRI-05_14-16 | L2327188-27 | bis(2-Chloroethyl)ether       | N        | Yes               | U               | UJ               | SUR                  |
| L2327332 | SW8260D | NA    | SR1-11_14-16 | L2327332-04 | Acetone                       | N        | Yes               | 7 J             | 7 J+             | SUR, LCS             |
| L2327332 | SW8260D | NA    | SR1-11_20-22 | L2327332-05 | Acetone                       | N        | Yes               | 5.6 J           | 5.6 J+           | SUR, LCS             |